
Block F Soil Remedial Action Plan Lockheed Martin Middle River Complex 2323 Eastern Boulevard Middle River, Maryland

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ACRONYMS

AASHTO	American Association of State Highway and Transportation Officials
API	American Petroleum Institute
ARARs	applicable or relevant and appropriate requirements
ASTM	ASTM International Inc.
ATC	anticipated typical concentration
BaPEq	benzo(a)pyrene equivalent
bgs	below ground surface
CDP	Criterion [®] DecisionPlus [®]
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CHS	Controlled Hazardous Substances
COC	chemical(s) of concern
COMAR	Code of Maryland Regulations
COPC	chemical(s) of potential concern
CSM	conceptual site model
DRO	diesel-range organics
EM	electromagnetic
EPC	exposure-point concentration
ESA	environmental site assessment
FRTR	Federal Remediation Technologies Roundtable
gal	gallon
GPR	ground penetrating radar
GRA	general response action
GRO	gasoline-range organics
HHRA	human health risk assessment
HI	hazard index
ILCR	incremental lifetime-cancer risk
ITRC	Interstate Technology and Regulatory Council
LUCs	land use controls
LMCPI	LMC Properties, Inc.
Lockheed Martin	Lockheed Martin Corporation
MDE	Maryland Department of the Environment

µg/kg	microgram(s) per kilogram
mg/kg	milligram(s) per kilogram
MMBTU	million British thermal units
MRC	Middle River Complex
msl	mean sea level
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
No.	number
NO _x	nitrogen oxides
OCP	Oil Control Program
O&M	operation and maintenance
OM&M	operation, maintenance, and monitoring
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
pH	hydrogen ion content; a measure used to express the relative acidity or alkalinity of a solution
PM ₁₀	particulate matter, smaller than 10 microns
PPE	personal protective equipment
PRG	preliminary remedial goal
RAO	remedial action objective
RAP	remedial action plan
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RRA	residual-risk analysis
RSL	regional screening level
SARA	Superfund Amendments and Reauthorization Act
SB	soil boring or subsurface (soil sample)
SO _x	sulfur oxides
SVOC	semivolatile organic compound
TBC	to be considered
TCA	total cost analysis
TCLP	toxicity characteristic leaching procedure
TEF	toxicity equivalence factor
Tetra Tech	Tetra Tech, Inc.
TPH	total petroleum hydrocarbons
TSDF	treatment, storage, and disposal facility
UCL	upper confidence limit
USEPA	United States Environmental Protection Agency
UST	underground storage tank

VCP	Voluntary Cleanup Program
VOC	volatile organic compound

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GLOSSARY

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

Aroclor—Aroclor is a polychlorinated biphenyl (PCB; see glossary term) mixture produced from approximately 1930 to 1979. It is one of the most commonly known trade names for PCB mixtures. There are many types of Aroclors and each has a distinguishing suffix number that indicates the degree of chlorination. The numbering standard for the different Aroclors is as follows: The first two digits generally refer to the number of carbon atoms in the phenyl rings (for PCBs this is 12), the second two numbers indicate the percentage of chlorine by mass in the mixture. For example, the name Aroclor 1254 means that the mixture contains approximately 54% chlorine by weight.

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

benzene ring—A chemical structure consisting of six carbon atoms with alternating single and double bonds between them; each carbon atom is bonded to a hydrogen atom in a closed hexagon configuration chemical structure. Individual polycyclic aromatic hydrocarbons (see below) consist of two or more fused benzene rings. These types of “ringed” compounds are referred to as aromatic compounds.

benzo(a)pyrene equivalent (BaPEq)—A risk-weighted concentration which is representative of the additive effects of seven polycyclic aromatic hydrocarbons (PAHs): benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, dibenz(a,h)anthracene, benzo(k)fluoranthene, indeno(1,2,3-cd)pyrene, and chrysene. The BaPEq value is a calculated concentration accounting for the combined toxicity of individual PAHs relative to benzo(a)pyrene when they occur together in soil. Toxicity equivalency factors (TEFs) are used to convert each individual PAH concentration into an equivalent concentration of benzo(a)pyrene, and the sum of these equivalent concentrations for the six other PAHs (mentioned above) and benzo(a)pyrene is the calculated BaPEq concentration.

carcinogen—Any substance that can cause cancer.

cathodic protection—An engineered protective feature, in the case of this document installed on underground storage tanks (UST), to prevent corrosion. The cathodic protection usually consists of a sacrificial anode coated with a material of suitable dielectric properties to electrically isolate

the tank from its environment. For example cathodic protection on a UST isolates the tank from potential electrical charges in the surrounding environment and thus slows or prevents degradation of the tank.

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

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

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

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

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

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

controlled hazardous substance regulations – The statutory and regulatory requirements for hazardous waste sites under the Maryland Department of the Environment Controlled Hazardous Substance Division are found in Section 7-222 of the Environment Article and in COMAR 26.14. Hazardous waste sites are assessed through a three phase process: assessment; cleanup; and operation, maintenance, and monitoring.

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

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

exposure pathway—The path from sources of chemicals to humans and ecological receptors from contaminated media including air, soil, sediment, water, or food.

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

exposure scenario—A tool to develop estimates of potential exposure, dose, and risk, typically for a specific group of people such as construction workers or residents. An exposure scenario generally includes facts, data, assumptions, inferences, and sometimes professional judgment about how the exposure for the specific group takes place.

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

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

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

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

institutional controls — Non-engineering measures intended to affect human activities in such a way as to prevent or reduce exposure to hazardous substances. They are almost always used in conjunction with, or as a supplement to, other measures such as waste removal, treatment or containment. There are four categories of institutional controls: governmental controls; proprietary controls; enforcement tools; and informational devices.

impacted soil — soils having chemical(s) of concern (COC) concentrations associated with an incremental lifetime cancer risk (ILCR) greater than one in 100,000 (1×10^{-5}) that were identified in the residual risk analysis (RRA).

iteratively—In the context of the residual risk assessment, a step that is repeated over and over again until the desired outcome or goal is achieved.

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

leachability—The relative tendency of chemicals to be transferred from soil to groundwater based on the contaminant characteristics, soil properties, and groundwater conditions.

Middle River Complex (MRC)—The site of Lockheed Martin’s Mission Systems and Sensors facility; Applied NanoStructured Solutions, which is a Lockheed Martin subsidiary; and General Electric’s Middle River Aircraft System; also known locally as Plant 1.

naphthalene— Naphthalene is an aromatic volatile or semi-volatile organic compound which occurs naturally in coal and oil. It has a strong odor that smells like tar or mothballs. Naphthalene is used to make products like moth balls, dyes, leather goods, and insecticides.

National Oil and Hazardous Substances Pollution Contingency Plan (NCP)—A federal plan that determines the party or parties that will respond, and how they will respond, to a spill or release, or threat of release, of oil or a hazardous substance. It establishes a National Response Team, headed by USEPA, and outlines requirements for accident reporting, spill containment, and cleanup.

non-detect—Data point for which the chemical of interest was not detected in the chemical analysis of an environmental sample.

polychlorinated biphenyls (PCBs)—PCBs are man-made organic chemicals manufactured and used in construction materials and electrical products produced before 1979. PCBs belong to the broad family of organic chemicals known as chlorinated hydrocarbons, and vary in consistency from thin, light-colored liquids to yellow or black waxy solids. They have a range of toxicity, including carcinogenic and non-carcinogenic effects. Due to their non-flammability, chemical stability, high boiling point, and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical transformers, hydraulic equipment, thermal insulation, fluorescent lights, oil-based paint, carbonless copy paper, and many other industrial applications. The manufacture of PCBs was banned in 1979.

polycyclic aromatic hydrocarbons (PAHs)— A name for a group of semi-volatile organic chemicals that are often found together in groups of two or more. PAHs are created when products like coal, oil, gas, and garbage are burned but the burning process is not complete. They can also be found in the environment as a result of natural processes such as wild fires. PAHs are a concern because they are persistent in the environment, meaning they do not degrade readily and can stay in the environment for long periods of time. A subset of PAHs are considered probable carcinogens based on animal toxicity studies.

preliminary remedial goal (PRG)—An acceptable contaminant level or range of levels for a given medium that can be used to support an evaluation of remedial alternatives. Although the preliminary remedial goals are established based on readily available information, the final acceptable exposure levels should be determined on the basis of the results of the baseline risk assessment and the evaluation of the expected exposures and associated risks for each alternative.

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

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

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

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

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

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

site—The Middle River Complex, in this document specifically Tax Block F, an 11.94 acre portion of the total property owned by Lockheed Martin Properties, Inc.

solubility—A measure of the amount of solute that will dissolve in a solution. It is the ability or tendency of one substance to dissolve into another at a given temperature and pressure and is generally expressed in terms of the amount of solute that will dissolve in a given amount of solvent to produce a saturated solution.

spalling—Term for breaking apart or fragmentation of a surface or solid object due to physical, chemical, or environmental stresses, or weathering.

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

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

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

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

Voluntary Cleanup Program—A Maryland Department of the Environment (MDE) administered program providing State oversight for voluntary cleanups of properties contaminated with hazardous substances. The program was established in 1997 as an agreement between MDE and the USEPA. The program provides liability protection for participants such that USEPA will consider sites in the VCP of “no further interest” provided they are successful in cleanup and MDE issues a No Further Requirements Determination or Certificate of Completion. The goal of the program is to increase the number of sites cleaned by streamlining the cleanup process while ensuring compliance with existing environmental regulations.

Executive Summary

Environmental stewardship of our activities is an important aspect of Lockheed Martin Corporation's commitment to the communities in which we operate. Accordingly, the Corporation has assumed responsibility for the assessment and cleanup of environmental impacts associated with the Lockheed Martin Middle River Complex (MRC) located at 2323 Eastern Boulevard in Middle River, Maryland. Tetra Tech Inc. has prepared this soil remedial action plan for Lockheed Martin Corporation in accordance with the requirements of the Maryland Department of the Environment Controlled Hazardous Substances regulations (Section 7-222 of the "Environment Article," *Annotated Code of Maryland*). This remedial action plan presents an evaluation of remedial alternatives (i.e., a feasibility study) for remediation of soils in Tax Block F, which is one of eight main land parcels that comprise the Middle River Complex. Tax Block F, along with other portions of the Middle River Complex, was accepted into the Maryland Voluntary Cleanup Program in 2006. The land parcel was withdrawn from the program in 2013 in order to combine the environmental restoration of the entire MRC, including soils, groundwater, and offshore sediments, into a single regulatory program. The goal for Tax Block F under this remedial action plan is to receive a No Further Action letter from the Maryland Department of the Environment under an industrial future land use category. Remediation targeted for future industrial land use is being proposed to meet the current and projected future use of the property. This does not prohibit Tax Block F from future development for residential, commercial, or recreational use if additional remediation is conducted to meet the contemplated land use.

Lockheed Martin will submit the remedial action plans for Tax Blocks D, E, G, and H to the Maryland Department of the Environment in the fall of 2013. Block E is on a different overall schedule because the detection of polychlorinated biphenyls above 50 milligrams per kilogram in some soils, storm drains, and off-site shore sediment requires the review and approval of the United States Environmental Protection Agency, in addition to the reviews and approvals required by the Maryland Department of the Environment. The Block E remedial action plan will be

completed during the same period as that of other tax blocks, but remedial activities are expected to occur later than in the other blocks due to the additional agency reviews and approvals.

A response action for groundwater at the Middle River Complex was presented in a separate groundwater response action plan. This plan was approved by Maryland Department of the Environment in September 2012. Design of the groundwater remedy is underway, with construction completion anticipated in early 2014.

Remediation of impacted offshore sediments near the Middle River Complex are also being addressed within the bounds of the controlled hazardous substances regulations, although sediments are within waters of the United States and are not Lockheed Martin Property. A feasibility study for sediment remediation was submitted to the Maryland Department of the Environment and the United States Environmental Protection Agency in December 2012. Sediment remediation will likely occur in near shore sediments of Dark Head Cove and Cow Pen Creek and is scheduled to start in late 2015 and be completed in 2016 pending regulatory approvals and extensive remediation permitting.

Block F of the Middle River Complex comprises approximately 12 acres and consists of four recognized environmental conditions (RECs): REC #4 (former boat launch area), REC #5 (former aviation fuel underground storage tanks), a portion of REC #6 (waterfront lot), and REC #13 (former boat dock area). This remedial action plan primarily addresses a remedy for soil in REC#13 because soil sampling results and risk assessment do not indicate that remedial actions are required for soil in REC #4, REC #5, and REC #6 (Figure 1-2). Although not based on a human health risk requirement, the abandoned-in-place underground storage tanks in REC #5 will be removed as well.

Nature and extent of contamination—Investigations associated with Block F have been conducted since 2003 and include record reviews, discussions with Middle River Complex personnel, geophysical surveys, and soil and groundwater sampling. Most impacted soil at Block F appears to be associated with fill material historically placed in the waterfront lot and the former boat dock area. The results of these investigations show that site surface and subsurface soils are primarily contaminated with polycyclic aromatic hydrocarbons randomly distributed in the soil matrix. As presented in the *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils* (Tetra Tech, 2012b), polycyclic aromatic hydrocarbons are the

primary risk drivers for industrial workers in Block F and have been identified in soils at concentrations exceeding industrial risk-based preliminary remedial goals.

Exposure assessment—An exposure assessment has been completed for the site to predict human health risks associated with exposure to site contaminants under current and future exposure scenarios. The results indicate that in some areas contaminated site soils pose unacceptable risks to human receptors according to regulatory standards.

Remedial goals—Remedial goals for Block F soil were established using a two-step process. First, a human health risk assessment was conducted that identified contaminants of concern based on exposure to human receptors. The risk assessment also identified preliminary remedial goals for final contaminants of concern. Risk is defined herein as the probability of adverse health effect resulting from exposure to contamination. A residual-risk analysis was then conducted to identify areas in Block F with impacted soils that must be remediated to meet an industrial-use, human health, residual-risk level of 1×10^{-5} (i.e., a one in 100,000 increased probability of cancer). A 1×10^{-5} risk level is MDE's upper end risk threshold for carcinogenic compounds.

The risk assessment process resulted in identifying chemicals of concern that will require remediation if a typical industrial worker is the receptor of concern. The risk assessment consists of the following six components:

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

Polycyclic aromatic hydrocarbons, expressed as benzo(a)pyrene equivalent concentrations (BaPEq), were identified in the risk assessment as the primary chemicals of concern for Block F soils. The residual-risk analysis identified impacted soil areas upon which remediation was required to meet an industrial risk-based preliminary remedial goal for BaPEq to within a 95% upper confidence level for Block F as a whole. Residual-risk analysis involves sequentially “removing” contaminated soil samples, beginning with the highest concentration and continuing

removal, until the average soil concentration is equal to or less than the industrial risk-based preliminary remedial goal with a 95% certainty. The residual-risk analysis was performed on soil from zero to two feet below ground surface (surface soils), and soil from two feet below ground surface to the water table (subsurface soils). The residual-risk analysis entailed the following five steps:

- identify the chemicals of concern
- determine the preliminary remedial goals
- rank locations
- iteratively remove samples from the surface and subsurface data set and recalculate the industrial-based exposure and residual risk for the block as a whole
- once the 1×10^{-5} residual risk criterion is achieved in the analysis, examine remaining contamination and using professional judgment, remove additional elevated-concentration samples from the data set and recalculate exposure and residual risk to provide a margin of safety

The areas identified for remediation in the residual-risk analysis are shown in Figure 4-1. The identification of these areas was based on BaPEq concentrations detected in surface soils located within the zero- to two-foot depth interval below ground surface.

Remedial action objective—To obtain a No Further Action letter under an industrial future land use for soils at Block F, the following remedial action objectives were developed (see Section 4):

Remedial action objective	Description
1	Reduce site-related chemicals of concern in Block F soils to 1×10^{-5} human health cancer-risk limits for industrial workers exposed to contaminants of concern via ingestion, dermal contact, and inhalation.
2	Excavation and offsite recycling or disposal of seven abandoned-in-place former aviation fuel underground storage tanks at REC #5 in accordance with Maryland Oil Control Program Guidance and Code of Maryland Regulations Title 26 Subtitle 10 “Oil Pollution and Tank Management” to obtain a clean closure in REC #5 under a residential use scenario.

Remedial action alternatives—After identifying the remedial action objectives, remedial action alternatives for soil were identified and evaluated. Various technologies and process options were considered and then separated into seven general response action categories. The general

remedial action categories include “no action,” “limited action,” “containment,” “removal,” “*in situ* treatment,” “*ex situ* treatment,” and “disposal.” A detailed screening of process options was then conducted, which resulted in the selection of the following six remedial alternatives:

- **Alternative 1:** No action (baseline for comparison to remaining alternatives)
- **Alternative 2:** Institutional controls
- **Alternative 3:** Excavation and off-site disposal of impacted soils, underground storage tank removal, and institutional controls
- **Alternative 4:** Limited excavation and soil cover over impacted soils, underground storage tank removal, and institutional controls
- **Alternative 5:** Enhanced bioremediation of impacted surface soils, underground storage tank removal, and institutional controls
- **Alternative-6:** *In situ* stabilization of impacted soils downward to the groundwater table, underground storage tank removal, and institutional controls

A detailed evaluation was performed upon each alternative according to the following criteria:

- | | |
|---|-------------------------|
| • long-term effectiveness and permanence | • implementability |
| • reduction in toxicity, mobility, and volume through treatment | • environmental impacts |
| • short-term effectiveness | • costs |

The alternatives were then compared to each other qualitatively and quantitatively, based on these same criteria.

Proposed remedial action—For Lockheed Martin Corporation, success depends on how well we recognize and fulfill our responsibilities to the environment, to a safe workplace, to stewardship of scarce natural resources, and to our customers and shareholders. All of these responsibilities were considered in selecting the remedial action for Block F. This evaluation led to selection of Alternative 3 (excavation and disposal of impacted soils, underground storage tank removal, and institutional controls) as the soil remedial action for Block F at the Middle River Complex. As part of the proposed remedial action, seven abandoned underground storage tanks located in REC #5 will be removed.

Alternative 3 will reduce human health risk (based on an industrial exposure scenario) to less than a 1×10^{-5} risk level (i.e., less than a one in 100,000 probability) by removing soils to a depth of two feet; institutional controls will mitigate risk posed by soils remaining after remediation. The selected alternative will also ensure that both remedial action objectives are met. Acceptance of the proposed remedial action by the Maryland Department of the Environment is required. A No Further Action letter will be sought by Lockheed Martin Corporation from the Maryland Department of the Environment subsequent to completion of the soil remedial action (i.e., when the remedial action objectives are met). In that letter, the Maryland Department of the Environment will establish the institutional controls for Block F. Though the proposed remediation is based on human health risk under an industrial exposure scenario, industrial risk-based remediation aligns remediation with current and anticipated future land use. Remediation to remedial action objectives based on preliminary remedial goals for mitigating risks posed under an industrial exposure scenario does not prohibit the site from future development for residential, commercial or recreational use, although additional remedial activities may be required.

Schedule—A schedule of the remedial action implementation for Block F soil is provided in Section 10 of the Block F Soil Remedial Action Plan. Major activities include:

- submit final remedial action plan—fall 2013
- remedial action implementation—late 2014

Communication and community relations—Lockheed Martin Corporation is committed to its partnership with the Middle River community and to maintaining a high level of community outreach, stakeholder engagement, and communication as work progresses. The Corporation has and will continue to invest in the environmental, health, and economic needs of the community. Lockheed Martin Corporation also will provide remediation program updates to the civic association leadership and, upon request, will attend civic association meetings to provide updates and answer questions and listen to issues and concerns. Lockheed Martin Corporation also will hold a public information availability session before the remedial action begins to inform and educate the stakeholders interested in this project. Lockheed Martin Corporation remains committed to two-way communication with the community to ensure that questions are answered and issues and concerns are addressed in a timely manner.

Section 1

Introduction

This section presents the purpose, scope, and organization of the remedial action plan for Tax Block F soils. A brief summary is provided for each subsequent section of the remedial action plan.

1.1 PURPOSE OF THE REMEDIAL ACTION PLAN

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech, Inc. (Tetra Tech) has prepared this remedial action plan (RAP) for soil at Tax Block F (“Block F”) of the Lockheed Martin Middle River Complex (MRC) in Middle River, Maryland. The location of the Middle River Complex is shown in Figure 1-1. This remedial action plan was prepared in accordance with the requirements of the Maryland Department of the Environment (MDE) Controlled Hazardous Substances (CHS) Enforcement Division (see Section 7-222 of the “Environment Article,” and Code of Maryland Regulations [COMAR] 26.14). Tax Block F, along with other portions of the Middle River Complex, was accepted into the Maryland Voluntary Cleanup Program in 2006. The land parcel was withdrawn from the program in 2013 in order to combine the environmental restoration of the entire Middle River Complex, including soils, groundwater, and offshore sediments, into a single regulatory program. The withdrawal letter documenting this change is included in Appendix A.

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

Soil remedial action objective 1—

Reduce site-related chemicals of concern (COC) in Block F soils to a 1×10^{-5} human health cancer-risk level for industrial workers exposed to chemicals of concern via ingestion, dermal contact, and inhalation

Soil remedial action objective 2—

Excavation and offsite recycling or disposal of abandoned-in-place former aviation fuel underground storage tanks (USTs) at REC #5 in accordance with Maryland Oil Control Program (OCP) Guidance and Code of Maryland Regulations 26.10 “Oil Pollution and Tank Management” to obtain a clean closure in REC #5 under a residential use scenario.

1.2 SCOPE

Block F contains four recognized environmental conditions (RECs): recognized environmental condition #4 (boat launch area), recognized environmental condition #5 (former aviation fuel underground storage tanks [USTs]), a portion of recognized environmental condition #6 (waterfront lot), and recognized environmental condition #13 (former boat dock area). The locations of these recognized environmental conditions are shown in Figure 1-2.

The Maryland Department of the Environment recognizes sites with a cancer risk greater than 1×10^{-5} (i.e., a one in 100,000 increased probability of cancer) or a hazard index greater than 1, require remedial actions. This remedial action plan contains an evaluation of risk-based remedial actions based on industrial land use and identifies the preferred option that will achieve the remedial action objectives established for Block F soils. The response actions for Middle River Complex groundwater are described under the separate, approved groundwater response action plan. Planning to date for addressing impacts to offshore sediments is described in a separate sediment feasibility study.

1.3 ORGANIZATION

This Block F soil remedial action plan is organized as follows:

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

Section 2—Middle River Complex Block F Overview: Briefly describes the Middle River Complex and Block F background, site history, environmental investigations, and results, and presents the conceptual site model and a summary of the proposed soil remedial actions.

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

Section 4—Cleanup Criteria: Presents remedial action objectives, chemicals of concern, preliminary remedial goals, and protocols for attainment of cleanup goals.

Section 5—Remedial Action Alternative Evaluation and Selection: Presents the screening of remediation technologies and process options, the development and analysis of remedial alternatives, a comparative analysis of alternatives, and describes the alternative selected to clean up the soils in Block F.

Section 6—Design Confirmation Sampling: Presents the investigation that is required to address minor data gaps surrounding areas identified for remediation so that remedial action boundaries can be more accurately defined in a final design.

Section 7—Contingency Measures for the Selected Remedial Action: Presents the contingency measures to be employed in the event the selected alternative does not perform as expected.

Section 8—Proposed Remedial Actions: Presents the plan for the work and controls necessary to perform the proposed remedial action.

Section 9—Permits and Notifications: Presents local, state, and federal laws and regulations that prescribe the permits and approvals required to implement the Maryland Department of the Environment-approved remedial action plan.

Section 10—Implementation Schedule: Presents the detailed schedule for the work necessary to implement the Maryland Department of the Environment-approved remedial action plan.

Section 11—References: Lists references and citations used in compiling this remedial action plan.

Appendices:

Appendix A – Voluntary Cleanup Program Withdrawal Letter

Appendix B—Block F Industrial Exceedances of Risk-Based Screening Criteria (Table)

Appendix C—Soil Data from Previous Investigations (Table)

Appendix D —Residual-Risk Analysis

Appendix E—BaPEq Calculation

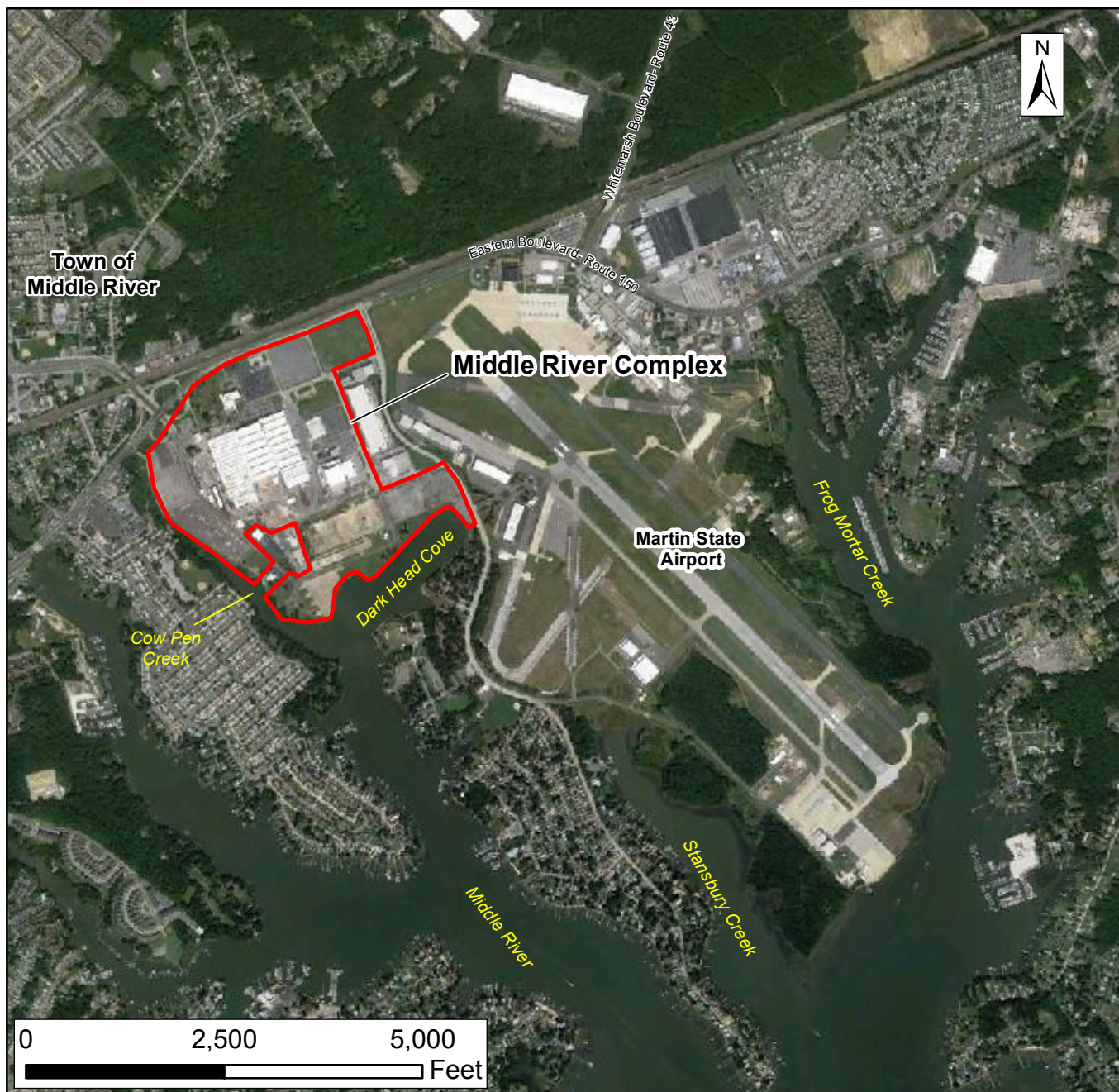
Appendix F—Block F Depth-to-Water Contours

Appendix G—SiteWise™ Information

Appendix H—Total Cost Analysis

Appendix I—*Criterion® DecisionPlus®* Results

Appendix J—Permits



Source: Google Earth, 2013

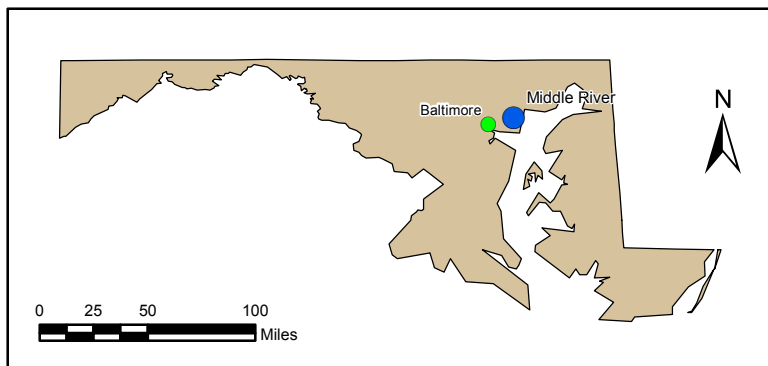


FIGURE 1-1

**MIDDLE RIVER COMPLEX
LOCATION MAP**

*Lockheed Martin Middle River Complex
Middle River, Maryland*

DATE MODIFIED:

5/1/13

CREATED BY:

MP



TETRA TECH



FIGURE 1-2

**LOCATIONS OF BLOCK F
RECOGNIZED ENVIRONMENTAL
CONDITIONS (RECs)**

LEGEND

- TAX BLOCK BOUNDARY
- TARMAC AREA
- REC LOCATIONS

REC = Recognized Environmental Condition
UST = Underground Storage Tank
GAL. = Gallon

**Lockheed Martin Middle River Complex
Middle River, Maryland**

0 30 60 120 Feet

N

DATE MODIFIED: 12/11/12

CREATED BY: MP



Section 2

Middle River Complex Block F Overview

The following presents an overview of the site background and site-specific chemicals of concern. Also summarized are the findings of previous site investigations, the understanding of nature and extent of site contaminants, their persistence and migration in the environment, and applicable exposure pathways, collectively known as the conceptual site model.

2.1 MIDDLE RIVER COMPLEX BACKGROUND

In 1929, the Glenn L. Martin Company, a predecessor entity of Lockheed Martin Corporation (Lockheed Martin), acquired a large parcel of undeveloped land in Middle River, Maryland to manufacture aircraft for the United States government and commercial clients. In the early 1960s, Glenn L. Martin Company merged with American-Marietta Company to form Martin Marietta Corporation. In the mid-1990s, Martin Marietta Corporation merged with Lockheed to form Lockheed Martin, in turn focusing its on-site operations on equipment construction and testing for the United States government and commercial clients. Shortly after the merger, General Electric acquired most of Lockheed Martin's aeronautical business in Middle River, which began operating as MRA Systems, Inc.

The Middle River Complex (MRC) is part of the Chesapeake Industrial Park located at 2323 Eastern Boulevard in Middle River, Maryland, approximately 11.5 miles northeast of downtown Baltimore. The MRC comprises several tax blocks and covers approximately 161 acres; it includes 12 main buildings, an active industrial area and yard, perimeter parking lots, an athletic field, vacant lots, and numerous grassy green spaces along its perimeter. The MRC is bounded by Eastern Boulevard (Route 150) to the north, Dark Head Cove to the south, Cow Pen Creek to the west, and Martin State Airport to the east. Figure 2-1 is a layout map of the MRC. This map shows the active industrial facility (Block I) and the external Blocks A, B,

D, E, F, G, and H surrounding Block I. LMC Properties, Inc. (LMCPI) owns and operates the MRC and periodically leases space to other parties for storage and parking.

Block F occupies approximately 11.94 acres in the southern portion of the MRC. Block F is bounded on the north by the former Building D (Block E) and properties formerly owned by Lockheed Martin now occupied by the Tilley Chemical Company and North American Electric. Block F is bounded to the east by the waterfront lot portion of Block D and Dark Head Cove, to the south by Dark Head Cove, and to the west by Cow Pen Creek (see Figure 2-1). East of MRC is the Martin State Airport, totaling approximately 750 acres, which in 1975 was transferred from Martin Marietta to the State of Maryland.

Review and analysis of limited information in the *Phase I Environmental Site Assessment* (ESA; Earth Tech, 2003), MRC records, and historical aerial photographs indicate that a portion of Block D, which includes parking lot number (No.) 6, and the waterfront, were backfilled between 1938 to 1949, raising the topography to its current elevations and extending the MRC property to its current layout. A bulkhead was constructed along much of the current water line at Block F and the cove along the bulkhead was dredged in the early 1940s to create a federally approved navigation channel. Dredged material may have been placed as backfill along the inland side of the bulkhead at the time of its construction, based on review of historical aerial photographs. Portions of the bulkhead are stone riprap covered with concrete and portions are steel sheet piling capped with a concrete wall. Dredging was done near the shoreline to lower the bottom of Dark Head Cove to ten feet below sea level to facilitate use of the creek as a proposed anchor basin. After the shoreline had been reconstructed and backfilling was completed, the waterfront lot in Block F and parking lot No. 6 in Block D were paved with asphalt. Both locations are referred to as recognized environmental condition (REC) #6 in the Phase I ESA (Earth Tech, 2003).

2.2 BLOCK F BACKGROUND

Block F includes RECs #4, #5, #6, and #13, as identified in the Phase I ESA (Earth Tech, 2003) and as shown on Figure 2-1. The former boat launch area (REC #4) and the former aviation-fuel underground storage tanks (USTs) (REC #5) are primarily covered by a concrete tarmac that defines the boundary of REC #4. REC #5 is comprised of seven abandoned-in-place USTs underneath the north central portion of the concrete tarmac; this location has no other structures.

A chain-link fence runs along the northern edge of REC #4, along Chesapeake Park Plaza, prohibiting unauthorized access to these two RECs. Vehicle and personnel access to these RECs is through a locked gate.

The concrete tarmac is comprised of smaller concrete slabs in relatively good condition, with some minor cracks and sinkholes in a few locations. Grass and soil are in many of the slab joints. A grassy strip runs along the southeastern edge of REC #4, separating the southeastern portion of the tarmac from a steel and concrete section of bulkhead along Dark Head Cove. This section of bulkhead is in poor condition; cracking and spalling (or flaking) of the concrete and erosion of the fill adjacent to the bulkhead are evident at numerous locations (Tetra Tech, 2012a).

The waterfront lot, on the eastern portion of Block F, comprises only a portion of REC #6. Parking lot No. 6 on the adjacent Block D is also a part of REC #6. Historical information obtained during the Phase I ESA suggests that the REC #6 area was backfilled behind the bulkhead construction along the Dark Head Cove waterfront (Earth Tech, 2003). Consequently, this area was classified in the Phase I ESA as a REC due to the lack of chemical or physical characterization of the fill. Characterization of this area has since been completed.

The waterfront lot is a well-manicured, grassy strip of land between Chesapeake Park Plaza and Dark Head Cove and between parking lot No. 6 and Dark Head Cove. The lot has several trees, and the grass there appears to be in good condition. A concrete-covered riprap bulkhead bounds the unit along most of its border with Dark Head Cove. The concrete covering on the riprap bulkhead in this area shows significant cracking. Minor erosion of the shoreline behind the riprap and undermining of stormwater outfall structures were observed in the REC #6 portion of the bulkhead during a May 2012 inspection (Tetra Tech, 2012a). Major erosion and washout of the reinforced riprap were also observed at one location near the middle of REC #6 (Tetra Tech, 2012a).

The former boat dock area (REC #13), in the southwestern portion of Block F, is now an open, relatively flat grassy parcel. A chain-link fence running along the perimeter of Chesapeake Park Plaza limits unauthorized access to REC #13. No fences are located along the boundaries shared with North American Electric or with the former boat launch area (REC #4). Vehicle and personnel access to REC #13 is obtained through a locked gate along Chesapeake Park Plaza at REC #4.

The former boat dock area (REC #13) is covered with a well-maintained lawn, with shrubs and trees growing thickly along the Cow Pen Creek shoreline. Several trees are in this REC. Although no structures are currently in REC #13, the severely degraded remnants of several walkways, parking areas, and a few foundations are still evident. A review of available aerial photographs and facility maps shows that the former boat dock area was developed before 1949. Structures in this area once included a cottage, service building, storage building, training school, boathouse, and two docks. This area once reportedly had as many as 11 buildings. Based on historical photographic records, the buildings were demolished before 1969.

2.3 BLOCK F PREVIOUS INVESTIGATIONS

Environmental investigations associated with Block F have been conducted since 2003 and include record reviews, discussions with MRC personnel, geophysical surveys, and soil and groundwater sampling. The primary findings of these investigations as they relate to this remedial action plan (RAP) for soils are included in Sections 2.3.1 through 2.3.11. Figures 2-2 and 2-3 show locations of soil samples collected in the western and eastern portions of Block F, respectively, during previous investigations. Table 2-1 provides a summary of previous investigations related to Block F soils. Appendix B presents positive detections only for soil sampling results from all the previous investigations discussed in this section (non-detect results are not listed). Chemical data in Appendix B are compared to the risk-based preliminary remedial goals (PRGs) developed for Block F. The PRGs are based on a human health risk assessment (HHRA) that evaluated all Block F data (Tetra Tech, 2012b), as described in Section 2.4. A complete database of all existing Block F soils data (including non-detect results) is in Appendix C.

During previous investigations, screening criteria used for data comparison have varied due to revisions in the applicable Maryland Department of Environment (MDE) soil standards. In addition, residential screening criteria have been used to screen data in the past as well as MDE anticipated typical concentrations (ATCs) for some metals (regional background concentrations recognized by the MDE [MDE, 2008]). However, based on the current projected future use of the property, using industrial soil screening criteria is more appropriate. For clarity in the discussion below, previous investigation results are presented in general terms, with qualitative comparison to the preliminary residential or industrial screening criteria that were used at the

time of those previous investigations (referred to hereinafter as the “previously used” criteria). Chemicals detected in soils during the previous investigations that exceeded the more conservative MDE residential screening criteria were evaluated further in each subsequent series of investigations. Exceedances of MDE residential and industrial criteria were collectively addressed as chemicals of potential concern (COPC) in the HHRA, as discussed in Section 2.4. The COPCs are further evaluated to produce a final list of chemicals of concern (COC) and then PRGs are developed and presented in Section 6 of the HHRA. The current screening criteria are the MDE soil cleanup levels, ATCs, and industrial PRGs listed in Table 2-2 and discussed in the following sections.

2.3.1 Phase I Environmental Site Assessment (2003)

A Phase I ESA was conducted on the MRC in February 2003 in accordance with ASTM International, Inc. (ASTM) standard E 1527 (Earth Tech, 2003). The primary goal of the Phase I ESA was to identify RECs through a desktop study of historical documents and a cursory site inspection. The Phase I ESA consisted of a historical review of the facility (i.e., a review of available facility documents, aerial photographs, and city directories); a review of federal, state, and local agency databases; interviews with MRC personnel; and a site visit. Thirteen specific RECs associated with the MRC and four RECs within Block F were identified in the Phase I ESA. The four Block F RECs were as follows:

- former boat launch area (REC #4)
- former aviation fuel USTs (REC #5)
- waterfront lot (part of REC #6)
- former boat dock area (REC #13)

In addition to identifying RECs, a recommendation was included in the Phase I ESA for further investigation of historical activities at MRC to identify other possible environmental concerns.

2.3.2 Phase II Investigation (Fall/Winter 2003)

The initial Phase II investigation entailing soil and groundwater sampling and a geophysical survey was conducted in the fall of 2003 on seven of the 13 Phase I RECs, including RECs #4, #5, and #6 within Block F, to determine and evaluate baseline environmental conditions for the entire MRC (Tetra Tech, 2004a). The geophysical surveys were conducted to provide evidence of

buried USTs, utilities, or metallic debris in the subsurface underlying the RECs. During this investigation, four soil borings (SB-22 through SB-25) were advanced in the concrete tarmac at the boat launch area for general geographic coverage across REC #4. Two subsurface soil samples (five and 10 feet below ground surface [bgs]) were collected from each boring and analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), metals, and total petroleum hydrocarbons (TPH)-gasoline-range organics (GRO) and TPH-diesel-range organics (DRO). A summary of the samples acquired and analyses performed from the fall 2003 investigation is in Table 2-3.

Four soil borings (SB-26 through SB-29) were advanced near the former USTs (REC #5), one on each of the four sides of the UST location. One subsurface soil sample (at 10 feet bgs) was collected from each boring and analyzed for VOCs and TPH-GRO. One additional boring (SB-30) was advanced in the waterfront lot area (REC #6) and one subsurface sample (at five feet bgs) was collected. This sample was analyzed for VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and TPH-DRO.

VOCs and metals were consistently detected in soil samples collected at RECs #4, #5, and #6. Mercury was detected at a low concentration in one soil sample collected at a depth of five feet in SB-24 (at REC #4).

An electromagnetic (EM) geophysical survey was completed at the waterfront lot and parking lot No. 6 to detect possible areas of waste disposal or possible buried drums or other metallic debris that may be in the REC #6 fill area. Nine EM anomalies were identified. A follow-up ground-penetrating radar (GPR) survey of these anomalies found that eight of the anomalies were associated with utilities (primarily storm drains), but the survey did not identify the source for the final anomaly in parking lot No. 6. The EM signature of this unidentified anomaly was not consistent with commonly encountered utilities or buried metallic objects (e.g., drums, tanks), and was attributed to fill (e.g., cache of concrete or large stones). Results of soil sampling near the anomaly (i.e., SB-30) did not exhibit signs of contamination. The results of the geophysical survey are in Appendix B of the *Final Report, Phase II Site Investigation of Exterior Areas* (Tetra Tech, 2004a).

2.3.3 Historical Survey (2004)

The historical research investigation of the MRC (Tetra Tech, 2004b) was conducted in summer 2004 to review all available historical information identified in the 2003 Phase I ESA. The historical survey included a review of MRC maps (e.g., as-builts, proposed construction plans, and plot maps), interviews with Lockheed Martin and tenant personnel, and documentation of site visits. Relevant to Block F, the review of MRC documents identified a cottage, service building, storage building, training school, and boathouse formerly located in the boat dock area (REC #13). Other MRC maps and data indicate that multiple buildings were on-site from the 1940s until 1969 (Earth Tech, 2003). No additional information regarding chemical and material storage and waste handling practices was identified during the historical survey.

2.3.4 Site-Wide Phase II Investigation (2004)

The site-wide Phase II investigation in 2004 further explored environmental concerns identified at RECs from the 2003 Phase II investigation and in the historical research survey, and addressed possible data gaps associated with the 2003 investigation. All 31 RECs at the MRC were investigated during the site-wide Phase II investigation, which included geophysical surveys of five areas plus soil and groundwater sampling. A summary of the samples and analyses for this investigation is in Table 2-3.

Surface soil samples (SB-22A-SS through SB-25A-SS and SB-50-SS) were collected from the first foot of soil from soil borings installed adjacent to the 2003 soil borings in REC #4 (SB-22 through SB-25). Samples were analyzed for VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and TPH-DRO. To verify the subsurface mercury concentrations detected in the earlier samples (SB-24), an additional soil boring (SB-50) was installed, and one surface soil and two subsurface soil (five and 10 feet bgs) samples were collected and analyzed for VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and TPH-DRO.

At the waterfront lot, one surface soil sample was collected from the 2003 soil boring location (SB-30). Two new soil borings (SB-55 and SB-56) were also installed in areas associated with a former mound of unknown material, near the former service roads identified on historical aerial photographs and a storm-sewer utility trench. Surface and subsurface samples (from five and 10 feet bgs) from the two new soil borings (SB-55 and SB-56) and the surface soil sample in

SB-30 were analyzed for VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and TPH-DRO.

Four soil borings (SB-93 through SB-96) were advanced in the former boat dock area. One surface soil sample and two subsurface soil samples (five and 10 feet bgs) were collected from each boring. An additional subsurface soil sample (15 feet bgs) was collected from each soil boring SB-93, SB-94, and SB-96. All samples were analyzed for VOCs, SVOCs, pesticides, PCBs, metals, TPH-GRO, and TPH-DRO.

Mercury is the only compound in REC #4 that exceeded the previously used MDE residential soil-screening levels. This mercury exceedance was found in surface soil sample SB-24A-SS, collected at a location consistent with a previously elevated mercury level detected in SB-24. Arsenic and lead were detected in soil samples from the waterfront lot and boat dock area at concentrations in excess of previously used MDE residential-soil screening levels. Lead concentrations ranged from non-detect to 420 mg/kg (SB-55-SS). Mercury, arsenic, and lead concentrations in these samples that exceeded residential criteria, however, are less than the subsequently developed risk-based industrial PRGs for Block F soils.

Four polycyclic aromatic hydrocarbons (PAHs), Aroclor-1260, cadmium, chromium, and mercury were detected at concentrations greater than previously used MDE residential-soil screening levels in soil samples collected in the former boat dock area (REC #13) and the waterfront lot (REC #6). The PAH compound benzo(a)anthracene was detected at concentrations ranging from non-detect to 1,800 µg/kg (SB-93-SS); benzo(b)fluoranthene was detected at concentrations ranging from non-detect to 1,800 µg/kg (SB-95-SS); and indeno(1,2,3-cd)pyrene was detected at concentrations ranging from non-detect to 990 µg/kg (SB-95-SS). Benzo(a)pyrene was detected at concentrations ranging from non-detect to 1,600 µg/kg (SB-95-SS). Concentrations of Aroclor-1260 range from non-detect to 1,400 µg/kg (SB-94-SS). Cadmium and chromium exceeded the previously used MDE residential-soil screening levels. Cadmium concentrations ranged from non-detect to 4.5 mg/kg (SB-94-SS); chromium concentrations range from 9.3 mg/kg (SB-96-SS) to 110 mg/kg (SB-93-SS).

Results of this investigation are in the *Final Data Report Site Wide Phase II Investigation*, (Tetra Tech, 2005). As stated, past investigations used residential screening levels for comparison to site concentrations. The projected future use of the property is industrial; thus soil results were

screened in the HHRA and for this RAP in Section 2.3.11 using the more appropriate industrial screening criteria. The 2004 soil sample results exceeding risk-based preliminary remedial goals developed in this RAP for future industrial land use are shown in Figure 2-4 and Appendix B.

2.3.5 Phase II Soil Investigation (Summer 2005)

To further delineate elevated detections of mercury in the boat launch area (REC #4), three additional soil borings (SB-236 through SB-238) were advanced in 2005 and soil samples were collected from various depths (0–1, 1–2, and 4–5 feet bgs). These samples were analyzed for metals and TPH-DRO (SB-238 only). An elevated lead concentration detected in a surface soil sample collected in 2004 (SB-55) from along the waterfront led to further evaluation of the area in 2005, through installation of four additional soil borings (SB-250 through SB-253). Soil samples were collected from 0–1 and 1–2 feet bgs from each boring and analyzed for metals. A summary of the samples and analyses from this investigation is in Table 2-3.

In 2005, six additional soil borings (SB-265 through SB-270) were advanced in REC #13 to further evaluate the levels of PAHs, chromium, and PCBs detected in surface soil samples SB-93 to SB-95 in 2004. Soil samples were collected from 0–1 and 1–2 feet bgs and analyzed for SVOCs. Surface soil samples were also analyzed for pesticides/PCBs and metals. Several metals, PAHs, and TPH-DRO were found at concentrations greater than the formerly applied MDE residential-soil screening levels.

PAHs are a class of compounds with a similar chemical structure consisting of two or more fused benzene rings. Rather than assessing potential PAH cancer health risks on an individual compound basis, benzo(a)pyrene equivalents (BaPEq) were calculated during the 2004 investigation. Per United States Environmental Protection Agency (USEPA) guidance (USEPA, 1993b), concentrations of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene can be combined in a relative-potency adjusted concentration that is expressed in terms of benzo(a)pyrene toxicity. This calculated value, called a BaPEq, uses USEPA-recommended toxicity equivalency factors (TEFs) to estimate the potency of each of these PAH compounds relative to that of benzo(a)pyrene. The TEFs are then used to convert each individual PAH concentration into an equivalent concentration of benzo(a)pyrene; these values are summed to arrive at the calculated BaPEq concentration. Concentrations of BaPEq exceeding the previously

used USEPA residential screening criteria ranged from 219 µg/kg (SB-266-02) to 38,098 µg/kg (SB-268-SS).

Concentrations of Aroclor-1260, a PCB compound, ranged from 29 µg/kg (SB-270-SS) to 756 µg/kg (SB-266-SS), the latter concentration exceeding the previously used MDE residential-soil PCB screening level of 320 µg/kg. Arsenic, chromium, and lead concentrations exceeded previously used MDE residential-soil screening levels. Arsenic concentrations ranged from 3 mg/kg (SB-236-SS, SB-238-SS, SB-238-01, and SB-238-05) to 7 mg/kg (SB-236-05), chromium concentrations ranged from 11.8 mg/kg (SB-250-SS and SB-252-SS) to 185 mg/kg (SB-237-01), and lead ranged from 10 mg/kg (SB-252-SS) to 447 mg/kg (SB-268-SS). The detected TPH-DRO levels exceeded previously used MDE residential-soil screening level of 230,000 µg/kg in SB-238-SS (271,000 µg/kg) and SB-238-05 (881,000 µg/kg). Results of this investigation are in the *Site Characterization Report, Revision 1.0, Lockheed Martin Middle River Complex* (Tetra Tech, 2006). The 2005 soil sample results exceeding the risk-based PRG developed in this RAP for future industrial land use are shown in Figure 2-4 and Appendix B.

2.3.6 Geophysical Survey/Soil Investigation (Fall 2005)

A geophysical survey and subsequent sampling event in 2005 were designed to provide more certainty regarding environmental conditions in Block F. An EM survey in the fall of 2005 screened the REC #13 area in Block F. Identified EM anomalies were further evaluated with GPR. Results of the geophysical surveys are presented in the 2006 site characterization report (Tetra Tech, 2006). These surveys identified four geophysical reading anomalies that could not be resolved as being associated with known features (e.g., utilities). These anomalies were more closely investigated by advancing five additional soil borings (SB-295 through SB-299). Subsurface soil samples were collected from two depths in each boring (4.5 and 9.5 feet bgs) and analyzed for VOCs, SVOCs, pesticides/PCBs, metals, TPH-GRO, and TPH-DRO. A summary of the samples acquired and analyses performed during this investigation is presented in Table 2-3.

Several metals were detected in these soil samples at concentrations greater than the respective soil screening levels used at that time. Arsenic, chromium, and vanadium exceeded their previously used MDE residential-soil screening levels of 2 mg/kg, 23 mg/kg, and 55 mg/kg, respectively. Arsenic concentrations ranged from 1.3 mg/kg (SB-299-0405) to 5.7 mg/kg (SB-296-0405), chromium concentrations ranged from 16 mg/kg (SB-299-0910) to 39.4 mg/kg

(SB-298-0910), and vanadium ranged from 20.7 mg/kg (SB-299-0910) to 61.6 mg/kg (SB-296-0405). The 2005 soil sample results exceeding the risk-based preliminary remedial goal developed in this RAP for future industrial land use are shown in Figure 2-4 and Appendix B.

2.3.7 Site Characterization Report (May 2006)

The 2006 site characterization report (Tetra Tech, 2006) was prepared from the fall of 2005 through May 2006 and provided a summary of data collected in all environmental media through 2005. Chemicals detected in soil were screened against site-specific background concentrations collected in Block B in an area of the MRC historically used only for recreation. This report also includes an HHRA that identified potential adverse human health effects resulting from exposure to the detected chemicals for a number of current and hypothetical future use scenarios. The 2006 risk assessment has been superseded by a more current human health risk assessment completed in 2012 (Tetra Tech, 2012b); therefore, the 2006 results are not discussed in detail in this RAP.

2.3.8 Additional Soil Characterization (Fall 2007)

Areas of concern for soil in Block F were further delineated in 2007 to better define the boundaries of chemicals of concern as defined in the May 2006 site characterization report (Tetra Tech, 2006) based on the previously used residential-use exposure scenario. These areas were characterized both laterally and vertically, limited by depth to groundwater. Thirty soil borings (SB-382 through SB-490) were installed in REC#13 and REC#4 near previous soil borings SB-93, SB-94, SB-95, SB-265, SB-266, SB-269, and SB-268. The new borings were spaced on a grid pattern across the previously identified geophysical-anomaly areas. Soil borings were advanced to a depth of eight feet bgs. Soil samples were obtained continuously while drilling, and 121 samples collected at two-foot intervals (1–2, 2–3, 4–5 and 7-8 feet bgs) were submitted for chemical analysis. All samples were analyzed for PAHs (using USEPA method SW-846 8270) and PCBs (using USEPA method SW-846 8082). Table 2-4 summarizes the soil sampling and chemical analyses completed for this investigation.

Benzo(a)pyrene concentrations in soils ranged from non-detect to 19,000 µg/kg at soil boring SB-383 (1–2 feet bgs). The remaining 47 detections of benzo(a)pyrene were less than 1,000 µg/kg. PAHs, reported in terms of BaPEq, exceeded the previously used USEPA residential-soil screening criterion in six of 121 soil samples (including duplicates). The 2007 soil

sample results exceeding subsequently developed risk-based preliminary remedial goals that assume future industrial land use are shown in Figure 2-4 and Appendix B.

2.3.9 Final Soil Delineation (Blocks D, F, G, and H, Fall 2009)

Some data gaps remained after the 2007 investigation, resulting in the 2009 delineation investigation (Tetra Tech, 2011). In this study, samples were collected in two tiers to help define the horizontal and vertical nature and extent of soil impacts. The vertical clean margin was defined by two clean intervals (e.g., concentrations less than residential screening levels), spaced at one-foot increments beneath impacted intervals. Table 2-5 summarizes the samples collected and analyses completed for Block F samples collected as part of the 2009 investigation.

Samples collected during the first tier of delineation sampling (the “inner tier” samples) came from previously completed, isolated sampling locations in areas where samples with non-detect or less-than-detection-limit results had been used to calculate BaPEq concentrations. BaPEq concentrations had been calculated using the conservative assumption that any non-detect sample with a detection limit greater than the screening level was an exceedance of the screening level. Therefore, to calculate more precise BaPEq concentrations, soil near these borings was resampled and analyzed using a lower quantitation limit (a target quantitation limit of 6.7 µg/kg). BaPEq concentrations were then recalculated using the new inner tier data and compared to the previously used USEPA residential screening level for BaPEq. Inner tier sampling results were also used to identify the vertical clean margin, as the resampling effort collected samples at more evenly spaced depth intervals.

If soil collected from inner tier samples exceeded screening levels, then an “outer tier” sample was collected at the next one-foot depth increment below the deepest exceedance in the inner tier. The outer tier delineation approach was to collect samples from borings at locations extended outward laterally from the area of contamination (as defined by the results of the inner tier sampling). For final delineation sampling, all data were considered in determining the location and depth for vertical and horizontal delineation of impacts. In some cases, the limit of impacts, defined by COC concentrations above the residential screening levels used at the time, was sufficiently delineated in one or both directions, such that the full scope of inner and/or outer tier sampling was unnecessary.

During the delineation investigation, seventy-seven soil borings (28 inner tier and 49 outer tier) were advanced, and 427 soil samples were collected from the areas of concern throughout the MRC. At Block F, 231 soil samples were collected from inner tier borings and 168 soil samples were collected from outer tier borings. Of the 399 samples analyzed (not including duplicates), 363 samples at Block F were analyzed for PAHs, 27 were analyzed for mercury, and 53 were analyzed for PCBs.

Mercury analytical results in all Block F soil delineation samples range from non-detect to 2.7 mg/kg in F-SB-626-2. Mercury concentrations exceeding the previously used residential screening level were found in five shallow subsurface samples collected at 1–2 feet bgs during the 2009 investigation. Detected PCB concentrations did not exceed the previously used MDE residential soil screening level.

BaPEq results in all Block F soil delineation samples ranged from non-detect to 50,039 µg/kg (F-SB-95RE-1). BaPEq exceedances were detected in the shallow-subsurface samples as well as in subsurface samples as deep as 13 feet bgs. The previously used residential screening level for BaPEq (150 µg/kg) was exceeded in 49 of 363 samples analyzed for PAHs. The 2009 soil sample results exceeding subsequently developed risk-based PRGs for future industrial land use are shown in Figure 2-4 and Appendix B.

2.3.10 Data Gap Investigation (Fall 2010)

Upon completion of the 2009 final-delineation sampling event, additional delineation sampling of PAHs and mercury was deemed necessary (based on the previously used residential screening criteria) to more accurately fill data gaps and determine the extent of soil contamination in Block F. The 2010 data gap investigation was conducted to evaluate these areas (Tetra Tech, 2011). The soil sampling program is summarized in Table 2-6. Six soil borings (F-SB-797 through F-SB-802) were advanced to a maximum depth of five feet in the Block F areas requiring additional delineation; three soil samples were collected at two-foot intervals (1, 3, and 5 feet bgs) from each boring. Nine samples plus one duplicate were collected from soil borings F-SB-797 through F-SB-799 and analyzed for total PAHs. Two samples (1 and 5 feet bgs) from location F-SB-797 were also analyzed for alkyl PAHs. Three samples (1, 3, and 5 feet bgs) from borings F-SB-800 to F-SB-802 were analyzed for mercury. The 2010 data gap

soil sample results exceeding the risk-based PRGs for future industrial land use subsequently developed for this RAP are shown in Figure 2-4 and Appendix B.

The 2010 soil investigation verified benzo(a)pyrene and mercury in soil at the six boring locations. Benzo(a)pyrene exceeded the previously used MDE residential screening level in two of 10 samples analyzed. Mercury did not exceed the corresponding residential screening level in any samples analyzed.

2.3.11 Human Health Risk Assessment

The *Human Health Risk Assessment for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, Middle River, Maryland* (Tetra Tech, 2012b) was revised and finalized in 2012 to update the risk evaluations to current standards and in accord with planned property use. The collective MRC environmental characterization data set was used for the 2012 risk assessment; as detailed above, a significant volume of environmental data was collected from 2004 to 2010 to further characterize the nature and extent of impacts to soil in Block F. The HHRA identified COC in Block F soils that require remediation assuming a typical industrial worker is the receptor of concern. The HHRA consisted of the following six components:

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

The HHRA used validated soil data from the previous investigations at Block F to assess risks to potential human receptors. Site contaminant concentrations were compared to conservative toxicity-screening values to compose a list of COPC. After the list of COPC was developed, an exposure assessment evaluated the type and magnitude of human exposure to the chemicals at Block F (as described in Section 4). Following the exposure assessment, quantitative estimates of the relationship between the magnitude and type of exposures, and the severity or probability of human health effects, were defined for the identified COPC in a toxicity assessment. The quantitative toxicity values determined during the toxicity assessment were integrated with exposure assessment outputs to characterize the potential occurrence of adverse health effects for each receptor group.

Potential risks to human receptors were estimated on the assumption that no actions would be taken to control contaminant releases. Primary guidance sources used to prepare the HHRA include the MDE *Cleanup Standards for Soil and Groundwater, Interim Final Guidance* (MDE, 2008) and *Voluntary Cleanup Program Guidance* (MDE, 2006). Current guidance and reports published by USEPA and USEPA Region 3 were also considered in preparing the risk assessment. Historical land uses suggest that construction workers and industrial workers are the primary receptors that could potentially be exposed to contaminated soils at the MRC.

Cancer and non-cancer risk estimates were calculated for these receptors using reasonable maximum-exposure assumptions, assuming that human exposure may occur via incidental ingestion, dermal contact, and inhalation exposure-routes. Cancer-risk estimates were presented in terms of incremental lifetime-cancer-risks (ILCR); non-cancer-risk estimates were presented in terms of hazard indices. Potential cancer effects were interpreted using the MDE cancer risk benchmark (1×10^{-5} , or a one-in-100,000 probability of developing cancer) for cumulative risk, and the USEPA target cancer risk range (1×10^{-4} to 1×10^{-6}). Non-cancer risks were evaluated using a total hazard index (HI) value of 1 (adverse non-cancer health effects are not anticipated when the estimated HI is equal to or less than 1). BaPEq is the only final COC identified for future industrial use in the HHRA for Block F surface soils. No COC were identified based on non-cancer health effects.

As previously described, the Block F area (and entire MRC) has been intensely developed in the past for industrial purposes. Thus, much of the current land surface is paved or denuded of vegetation other than maintained grass areas (i.e., the available habitat for current flora/fauna populations is limited, thus, the potential for ecological receptor exposure/risk is also limited). In addition, the planned future use of the Block F area will continue to be industrial. Consequently, it is anticipated that the amount and quality of the habitat in the Block F area will continue to be limited. For these reasons an Ecological Risk Assessment was not developed for the site. Remedial action and risk management decisions are based on the results of the HHRA.

2.4 CONCEPTUAL SITE MODEL

RECs #4, #5, and #6 are not considered sources of contamination based on sampling and risk assessment results (although seven abandoned underground storage tanks will be removed from REC #5). Therefore, the action proposed in this RAP addresses soils at REC #13 (former boat

dock area). REC #13 is an open, relatively flat parcel of land covered by a well-maintained lawn with shrubs and trees growing thickly along the Cow Pen Creek shoreline. Severely degraded remnants of several walkways, parking areas, and a few foundations are still evident. The following sections describe the sources of contamination at Block F, as well as land use scenarios and exposure pathways.

2.4.1 Contaminant Sources and Soil Chemicals of Concern

Most PAHs found in soils at Block F are likely related to fill material historically placed in the former boat dock area (REC #13) and used for general fill and grading activities associated with development of the MRC in the 1930's and 1940's. The source(s) of historic fill at Block F are unknown. Soil sampling results suggest that PAHs are randomly distributed in the Block F soil matrix. PAHs, expressed as BaPEq, are the primary risk drivers for industrial workers and have been identified at concentrations exceeding risk-based criteria in REC #13 surface and subsurface soils. Naphthalene at one soil sample location was calculated to be a slight contributor to cancer risk only for the exposure pathway that assumes inhalation of soil particles by the construction worker for subsurface soils. The subsurface soil sample posing risk for naphthalene (F-SB-238) corresponds to a depth of five feet bgs; this depth is below the exposure depth used for the future industrial use scenario and applied for the proposed remedial action. Therefore, naphthalene is not discussed further in this RAP.

2.4.2 Land Use Scenario and Exposure Pathways

Currently, the land use scenario at Block F is considered as Tier 3 Industrial under the land use definition provided in the MDE Voluntary Cleanup Program (VCP) guidelines. Under the industrial land use scenario, current and future industrial workers and construction workers are considered potential receptors. The 2012 HHRA also evaluated different potential future land use scenarios for Block F, including future recreational use and hypothetical future residential use, to determine if an institutional control such as a deed restriction might be required for the property. The deed restriction would not prohibit future recreational and residential development, but would indicate the need for additional remedial action for alternate development (other than industrial) to proceed. Possible exposure pathways associated with soil include dermal, inhalation, and incidental ingestion exposure for all potential receptors.

Surface soils are accessible and may become exposed in the grass-covered areas of Block F and in areas not covered by tarmac. If exposed or disturbed, contaminants in surface soil could migrate to air through wind erosion; however, this is unlikely since most of Block F is covered either by asphalt or by well-maintained grass. Subsurface soil is not currently exposed, but if future construction were to bring subsurface soil to the surface, contaminants in these soils could be transported into the air through wind erosion or through volatile emissions.

Surface water runoff generated in the grass-covered areas will generally infiltrate into the underlying soil or discharge to Dark Head Cove or Cow Pen Creek as overland sheet flow. Therefore, overland runoff and erosion can only be potential migration pathways if contaminated soil is exposed during future construction and runoff is not contained and controlled as in its current state. PAHs generally adhere to soils; therefore, migration of these contaminants from soils to groundwater is not considered a complete migration pathway. This is supported by results of years of groundwater monitoring. BaPEq and other chemical constituents in soil do not pose a threat of soil vapor intrusion. This is supported by results of subslab vapor monitoring in Block I.

Section 4 of this RAP provides details of the exposure pathways and receptors for Block F soils.

Table 2-1

**Historical Soil Investigations
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Investigation	Year	General scope	Reference
Phase I environmental site investigation	2003	13 recognized environmental conditions (RECs) identified at the Middle River Complex	Earth Tech, 2003
Phase II investigation	2003	Groundwater and soil sampled at 13 RECs and geophysics performed at seven RECs	Tetra Tech, 2004a
Historical survey	2004	18 additional RECs identified	Tetra Tech, 2004b
Site-wide Phase II investigation	2004	Groundwater and soil sampled at 31 RECs, geophysical survey performed at five locations, radiological survey at one location	Tetra Tech, 2005
Phase II Soil Investigation	2005 and 2006	Installed and sampled wells at various depths and performed hydraulic testing	Tetra Tech, 2006
Geophysical Survey/Soil Investigation	2005	Geophysical survey and soil sampled at five locations	Tetra Tech, 2006
Soil Characterization	2007	Soil sampled at 30 locations	Tetra Tech, 2011
Final Delineation Investigation	2009	Inner and outer tier soils sampled at 77 locations	Tetra Tech, 2011
Data Gap Investigation	2010	Soil sampled at six locations	Tetra Tech, 2011

REC- recognized environmental condition

Table 2-2

**Block F Applicable Soil Screening Criteria
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Block F Applicable Soil Screening Criteria (mg/kg)				
Constituents Identified in Soils at Concentrations Exceeding Screening Levels	Current Maryland Residential Cleanup Level¹	Current Maryland Industrial Screening Level¹	Maryland Anticipated Typical Concentration²	Industrial, Risk-Based Preliminary Remedial Goal³
BaPEq	0.022	0.39	NA	2.89 ⁴
Naphthalene	160	200	NA	NA
Arsenic	0.43	1.9	3.6	NA
Hexavalent chromium	23	310	28	NA
Mercury	2.3	31	-	NA
TPH-DRO	230	620	NA	NA

BaPEq - Benzo(a)pyrene equivalent. [Maryland Cleanup Levels not available for BaPEq, so criteria for benzo(a)pyrene are shown.]

TPH-DRO - Total petroleum hydrocarbons diesel-range organics.

mg/kg - milligrams per kilogram, or parts per million concentration in soil.

" - " not available for mercury for the indicated region.

NA - criteria not available or not applicable for corresponding contaminant.

1. Cleanup Levels for soils from "State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater", June 2008.
2. Anticipated Typical Concentration (ATC) for select metals in the Eastern region of Maryland as published in (1) above.
3. Site-specific, risk-based cleanup goal determined as part of the Human Health Risk Assessment for Block F (discussed further in Section 4.0).
4. BaPEq was the only Block F soil constituent posing risk under the future industrial land use scenario based on the results of the Human Health Risk Assessment. Therefore, for Block F soils, a risk-based (industrial) preliminary cleanup goal was developed for BaPEq only.

Table 2-3

Summary of 2003 to 2005 Soil Samples
Block F Remedial Action Plan
LMC Middle River Complex, Middle River, Maryland
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Location Identifier	Sample Identifier	Depth (feet)		Soil Analyses
		Top	Bottom	
Phase II Site Investigation Samples (Fall/Winter 2003)				
SB-022	SB-22-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-022	SB-22-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-023	SB-23-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-023	SB-23-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-024	SB-24-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-024	SB-24-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-025	SB-25-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-025	SB-25-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-026	SB-26-10	10	10	VOCs and TPH -GRO
SB-027	SB-27-10	10	10	VOCs and TPH -GRO
SB-028	SB-28-10	10	10	VOCs and TPH -GRO
SB-029	SB-29-10	10	10	VOCs and TPH -GRO
SB-030	SB-30-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
Site-Wide Phase II Investigation Samples (2004)				
SB-022	SB-22A-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-023	SB-23A-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-024	SB-24A-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-025	SB-25A-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-030	SB-30A-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-050	SB-50-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-050	SB-50-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-050	SB-50-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-055	SB-55-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-055	SB-55-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO

Table 2-3

Summary of 2003 to 2005 Soil Samples
Block F Remedial Action Plan
LMC Middle River Complex, Middle River, Maryland
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Location Identifier	Sample Identifier	Depth (feet)		Soil Analyses
		Top	Bottom	
SB-055	SB-55-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-056	SB-56-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-056	SB-56-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-056	SB-56-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-056	SB-56-15	15	15	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-093	SB-93-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-093	SB-93-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-093	SB-93-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-093	SB-93-15	15	15	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-094	SB-94-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-094	SB-94-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-094	SB-94-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-094	SB-94-15	15	15	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-095	SB-95-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-095	SB-95-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-095	SB-95-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-096	SB-96-SS	0	1	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-096	SB-96-05	5	5	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-096	SB-96-10	10	10	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
SB-096	SB-96-15	15	15	VOCs, SVOCs, pesticides/PCBs, metals, and TPH-GRO and -DRO
Phase II Soil Investigation Samples (Summer 2005)				
SB-236	SB-236-SS	0	1	Metals
SB-236	SB-236-01	1	2	Metals
SB-236	SB-236-05	5	5	Metals
SB-237	SB-237-SS	0	1	Metals

Table 2-3

Summary of 2003 to 2005 Soil Samples
Block F Remedial Action Plan
LMC Middle River Complex, Middle River, Maryland
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Location Identifier	Sample Identifier	Depth (feet)		Soil Analyses
		Top	Bottom	
SB-237	SB-237-01	1	2	Metals
SB-237	SB-237-05	5	5	Metals
SB-238	SB-238-SS	0	1	Metals, TPH-DRO
SB-238	SB-238-01	1	2	Metals, TPH-DRO
SB-238	SB-238-05	5	5	Metals, TPH-DRO
SB-250	SB-250-SS	0	1	Metals
SB-250	SB-250-02	1	2	Metals
SB-251	SB-251-SS	0	1	Metals
SB-251	SB-251-02	1	2	Metals
SB-252	SB-252-SS	0	1	Metals
SB-252	SB-252-02	1	2	Metals
SB-253	SB-253-SS	0	1	Metals
SB-253	SB-253-02	1	2	Metals
SB-265	SB-265-SS	0	1	SVOCs, PCBs, and metals
SB-265	SB-265-02	1	2	SVOCs
SB-266	SB-266-SS	0	1	SVOCs, PCBs, and metals
SB-266	SB-266-02	1	2	SVOCs
SB-267	SB-267-SS	0	1	SVOCs, PCBs, and metals
SB-267	SB-267-02	1	2	SVOCs
SB-268	SB-268-SS	0	1	SVOCs, PCBs, and metals
SB-268	SB-268-02	1	2	SVOCs
SB-269	SB-269-SS	0	1	SVOCs, PCBs, and metals
SB-269	SB-269-02	1	2	SVOCs
SB-270	SB-270-SS	0	1	SVOCs, PCBs, and metals
SB-270	SB-270-02	1	2	SVOCs
Soils Investigation Samples (Fall 2005)				
SB-295	SB-295-0405	4	5	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-295	SB-295-0910	9	10	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-296	SB-296-0405	4	5	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-296	SB-296-0910	9	10	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-297	SB-297-0405	4	5	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-297	SB-297-0910	9	10	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-298	SB-298-0405	4	5	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-298	SB-298-0910	9	10	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-299	SB-299-0405	4	5	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO
SB-299	SB-299-0910	9	10	VOCs, SVOCs, PCBs, metals, TPH-GRO and -DRO

DRO - diesel-range organics

GRO - gasoline-range organics

PCBs - polychlorinated biphenyls

SVOCs - semivolatile organic compounds

TPH - total petroleum hydrocarbons

VOCs - volatile organic compounds

Table 2-4

**2007 Soil Characterization Samples
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Sample Identification	Location	Depth Intervals (feet)	Number of Samples Collected
SB-382	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-383	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-384	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-385	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-386	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-387	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-388	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-389	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-390	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-391	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-392	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-393	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-394	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-395	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-396	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-397	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-398	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-399	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-400	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-401	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-402	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-403	REC #13 Grid	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-404	Northeast of SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-405	South of SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-406	Co-located with SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-407	North of SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-408	North of SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-409	North of SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-489	Northwest of SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4
SB-490	Northwest of SB-238	1 to 2 feet; 2 to 3 feet; 4 to 5 feet; 7 to 8 feet	4

All samples were analyzed for benzo(a)pyrene by United States Environmental Protection Agency (USEPA) Method SW-846 8270 and for polychlorinated biphenyls by USEPA Method SW-846 8082.

Table 2-5

**2009 Soil Delineation Samples
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
Page 1 of 4**

Sample Identification	Locations	Depth Intervals (feet)	Analysis	Analytical Method	Number of Samples Collected
SB-24A Resampling					
SB-624	15 feet north of SB-24A	1 to 5 at one-foot intervals	Mercury	SW-846 7470A	3
SB-625	15 feet east of SB-24A	1 to 5 at one-foot intervals	Mercury	SW-846 7470A	4
SB-626	15 feet south of SB-24A	1 to 5 at one-foot intervals	Mercury	SW-846 7470A	5
SB-626B	Outer Tier east	1 to 4 at two-foot intervals	Mercury	SW-846 7470A	1
SB-626C	Outer Tier south	1 to 4 at two-foot intervals	Mercury	SW-846 7470A	2
SB-626D	Outer Tier west	1 to 4 at two-foot intervals	Mercury	SW-846 7470A	2
SB-627	15 feet west of SB-24A	1 to 5 at one-foot intervals	Mercury	SW-846 7470A	5
SB-24ARE	Resample	1 to 5 at one-foot intervals	Mercury	SW-846 7470A	5
SB-55 Resampling					
SB-628	15 feet north of SB-55	10 to 14 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-629	15 feet east of SB-55	10 to 14 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-630	15 feet south of SB-55	10 to 14 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-631	15 feet west of SB-55	10 to 14 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-55RE	Resample	10 to 14 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-56 Resampling					
SB-56RE	Resample	1 to 15 at one-foot intervals	cPAHs	SW-846 8270D	15
SB-93 Resampling					
SB-93RE	Resample	1 to 15 at one-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	15
SB-94 Resampling					
SB-94RE	Resample	1 to 15 at one-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	15
SB-95 Resampling					
SB-95RE	Resample	1 to 15 at one-foot intervals	cPAHs	SW-846 8270D	15
SB-96 Resampling					
SB-96RE	Resample	1 to 15 at one-foot intervals	cPAHs	SW-846 8270D	15

Table 2-5

**2009 Soil Delineation Samples
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
Page 2 of 4**

Sample Identification	Locations	Depth Intervals (feet)	Analysis	Analytical Method	Number of Samples Collected
SB-265 Resampling					
SB-265RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-266 Resampling					
SB-266RE	Resample	3 to 7 at one-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	5
SB-267 Resampling					
SB-267RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-268 Resampling					
SB-268RE	Resample	3 to 15 at one-foot intervals	cPAHs	SW-846 8270D	13
SB-269 Resampling					
SB-269RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-270 Resampling					
SB-270RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-383 Resampling					
SB-383RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-388 Resampling					
SB-388RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-389 Resampling					
SB-389RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-390 Resampling					
SB-390RE	Resample	6 to 10 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-393 Resampling					
SB-393RE	Resample	3 to 7 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-397 Resampling					
SB-397RE	Resample	6 to 10 at one-foot intervals	cPAHs	SW-846 8270D	5

Table 2-5

**2009 Soil Delineation Samples
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
Page 3 of 4**

Sample Identification	Locations	Depth Intervals (feet)	Analysis	Analytical Method	Number of Samples Collected
SB-405 Resampling					
SB-632	15 feet north of SB-405	9 to 13 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-633	15 feet east of SB-405	9 to 13 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-634	15 feet south of SB-405	9 to 13 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-635	15 feet west of SB-405	9 to 13 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-635C	Outer Tier south	1 to 11 at one-foot intervals	cPAHs	SW-846 8270D	6
SB-635D	Outer Tier west	1 to 11 at one-foot intervals	cPAHs	SW-846 8270D	5
SB-405RE	Resample	9 to 13 at one-foot intervals	cPAHs	SW-846 8270D	5
Outer Tier Sampling					
SB-636	Outer Tier	1 to 9 at two-foot intervals	cPAHs, PCBs ⁽⁴⁾	SW-846 8270D, SW-846 8081	6
SB-636A	Outer Tier	1 to 7 at two-foot intervals	cPAH	SW-846 8270D	4
SB-636B	Outer Tier	1 to 7 at two-foot intervals	cPAH	SW-846 8270D	4
SB-636C	Outer Tier	1 to 7 at two-foot intervals	cPAH	SW-846 8270D	4
SB-636D	Outer Tier	1 to 7 at two-foot intervals	cPAH	SW-846 8270D	4
SB-637	Outer Tier	1 to 5 at two-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	3
SB-637B	Outer Tier	1 to 5 at two-foot intervals	cPAH	SW-846 8270D	3
SB-637C	Outer Tier	1 to 5 at two-foot intervals	cPAH	SW-846 8270D	3
SB-638	Outer Tier	1 to 5 at two-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	3
SB-639	Outer Tier	1 to 5 at two-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	3
SB-640	Outer Tier	1 to 5 at two-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	3
SB-641	Outer Tier	1 to 3 at two-foot intervals	cPAHs	SW-846 8270D	3
SB-641A	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-641B	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-641C	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-642	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	0+

Table 2-5

**2009 Soil Delineation Samples
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
Page 4 of 4**

Sample Identification	Locations	Depth Intervals (feet)	Analysis	Analytical Method	Number of Samples Collected
Outer Tier Sampling (continued)					
SB-642A	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	8
SB-642B	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	8
SB-642C	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	8
SB-643	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	8
SB-643B	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	8
SB-643C	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	8
SB-644	Outer Tier	1 to 15 at two-foot intervals	cPAHs	SW-846 8270D	8
SB-645	Outer Tier	1 to 7 at two-foot intervals	cPAHs	SW-846 8270D	4
SB-645A	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-645B	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-645C	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-646	Outer Tier	1 to 7 at two-foot intervals	cPAHs	SW-846 8270D	4
SB-647	Outer Tier	1 to 7 at two-foot intervals	cPAHs	SW-846 8270D	4
SB-647A	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-647B	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-647C	Outer Tier	1 to 3 at two-foot intervals	cPAH	SW-846 8270D	2
SB-648	Outer Tier	1 to 7 at two-foot intervals	cPAHs	SW-846 8270D	4
SB-649	Outer Tier	1 to 5 at two-foot intervals	cPAHs	SW-846 8270D	3
SB-650	Outer Tier	1 to 5 at two-foot intervals	cPAHs	SW-846 8270D	3
SB-651	Outer Tier	1 to 5 at two-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	3
SB-652	Outer Tier	1 to 9 at two-foot intervals	cPAHs, PCBs	SW-846 8270D, SW-846 8081	6
SB-652A	Outer Tier	1 to 7 at two-foot intervals	cPAH	SW-846 8270D	4
SB-652B	Outer Tier	1 to 7 at two-foot intervals	cPAH	SW-846 8270D	4
SB-652C	Outer Tier	1 to 7 at two-foot intervals	cPAH	SW-846 8270D	4

cPAHs - carcinogenic polycyclic aromatic hydrocarbons

PCBs - polychlorinated biphenyls

Table 2-6

**2010 Data Gap Investigation Samples
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Sample Identification	Depth Intervals (feet)	Analysis	Analytical Method	Number of Samples Collected
F-SB-797	1 to 5 at two-foot intervals (1, 3, 5 feet)	Total PAHs Alkyl PAHs (1- and 5-feet)	SW-846 8270C	3
F-SB-798	1 to 5 at two-foot intervals (1, 3, 5 feet)	Total PAHs	SW-846 8270C	3
F-SB-799	1 to 5 at two-foot intervals (1, 3, 5 feet)	Total PAHs	SW-846 8270C	3
F-SB-800	1 to 5 at two-foot intervals (1, 3, 5 feet)	Mercury	SW-846 7471A	3
F-SB-801	1 to 5 at two-foot intervals (1, 3, 5 feet)	Mercury	SW-846 7471A	3
F-SB-802	1 to 5 at two-foot intervals (1, 3, 5 feet)	Mercury	SW-846 7471A	3

PAHs - polycyclic aromatic hydrocarbons



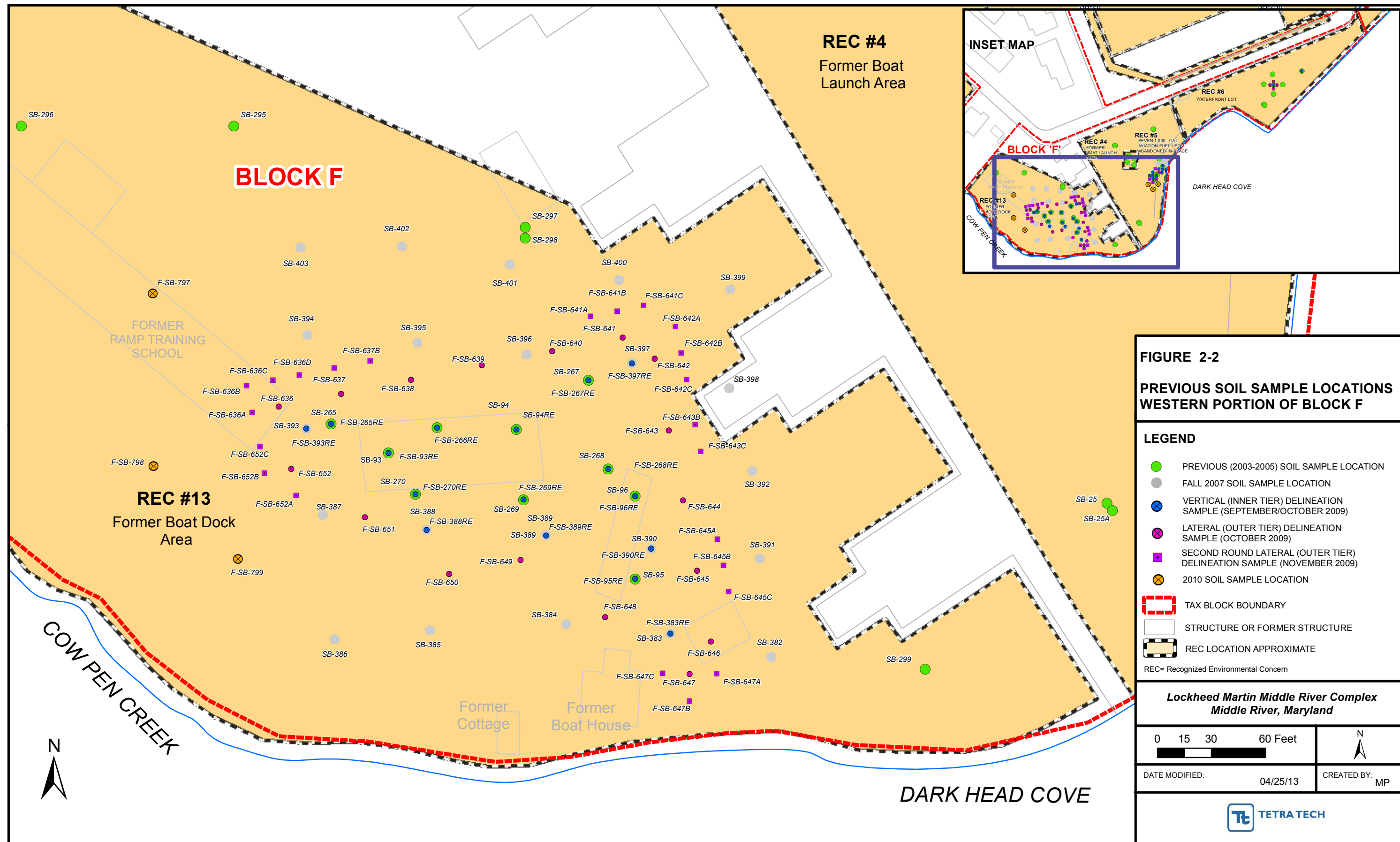


FIGURE 2-2
PREVIOUS SOIL SAMPLE LOCATIONS
WESTERN PORTION OF BLOCK F

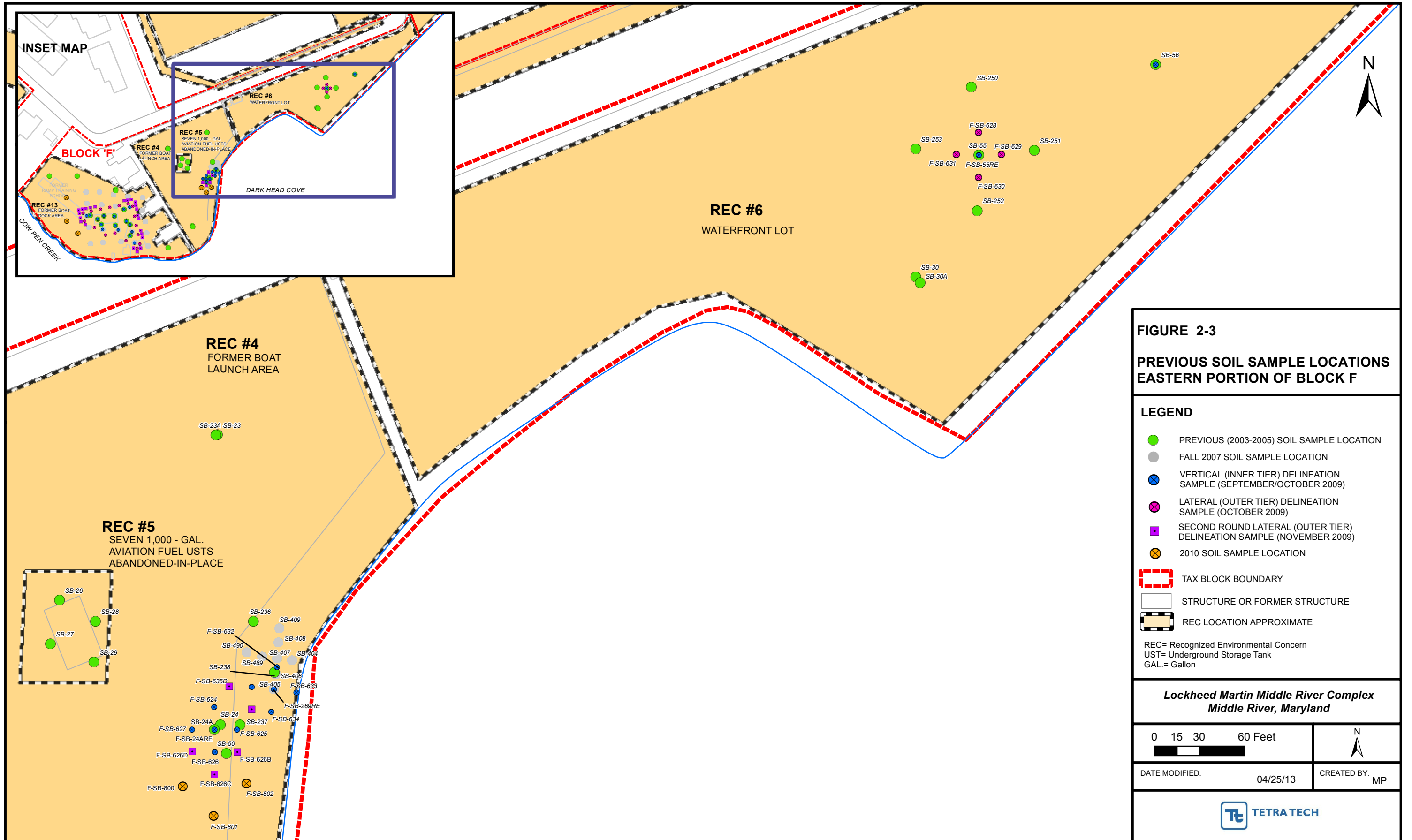
LEGEND

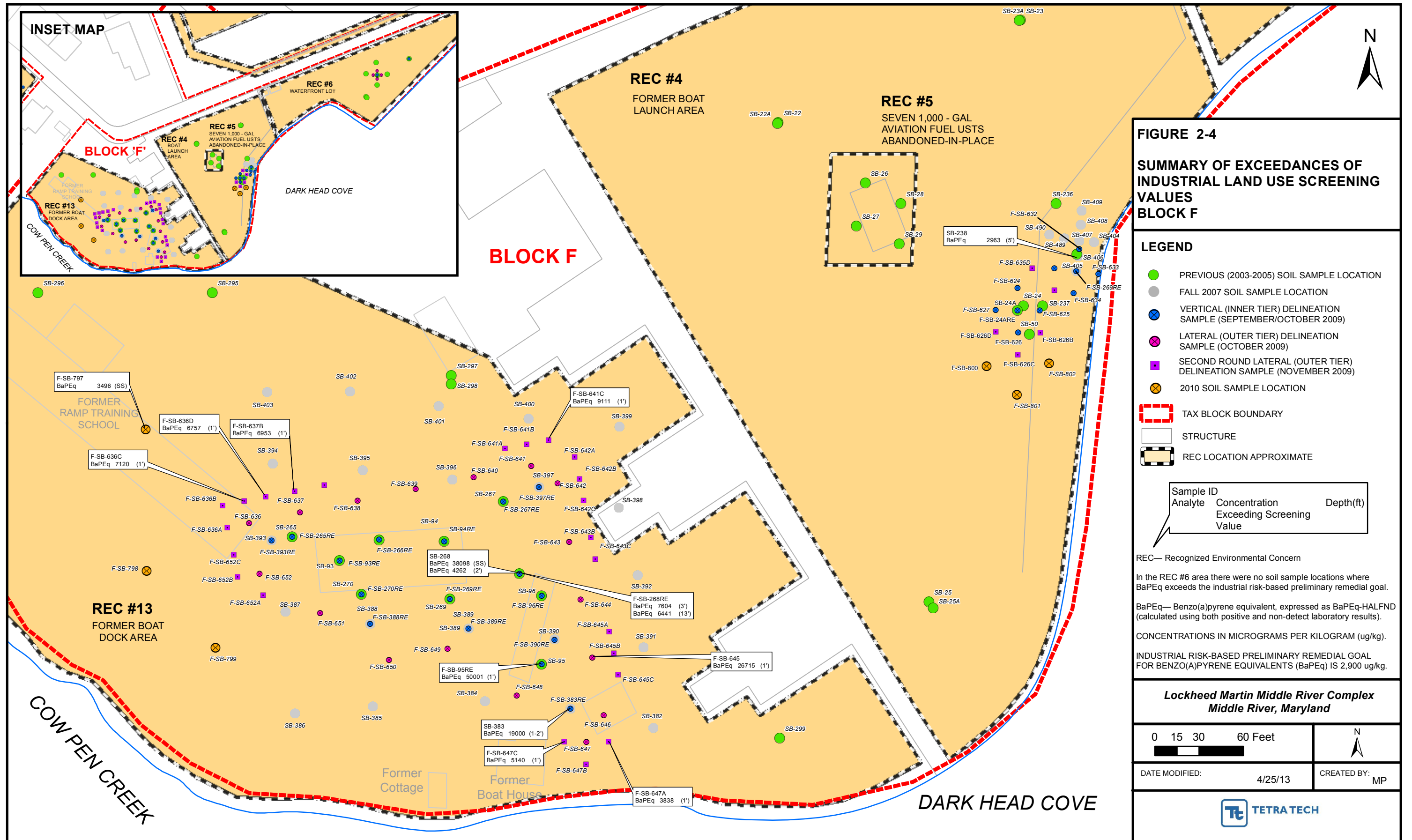
- PREVIOUS (2003-2005) SOIL SAMPLE LOCATION
- FALL 2007 SOIL SAMPLE LOCATION
- ⊗ VERTICAL (INNER TIER) DELINEATION SAMPLE (SEPTEMBER/OCTOBER 2009)
- ⊗ LATERAL (OUTER TIER) DELINEATION SAMPLE (OCTOBER 2009)
- ⊗ SECOND ROUND LATERAL (OUTER TIER) DELINEATION SAMPLE (NOVEMBER 2009)
- ⊗ 2010 SOIL SAMPLE LOCATION
- ▭ TAX BLOCK BOUNDARY
- ▭ STRUCTURE OR FORMER STRUCTURE
- ▭ REC LOCATION APPROXIMATE

REC= Recognized Environmental Concern

Lockheed Martin Middle River Complex Middle River, Maryland	
0 15 30 60 Feet	N
DATE MODIFIED: 04/25/13	CREATED BY: MP







Section 3

Exposure Assessment

An exposure assessment for the Middle River Complex (MRC) was conducted to evaluate potentially exposed human populations to chemicals of concern (COC) based on current and future land use. The exposure assessment provides the basis for developing the remedial action objectives (RAOs) that must be met to achieve industrial closure for soils in Block F.

3.1 CURRENT AND FUTURE LAND USE

Possible exposure pathways to COC in areas of the site with exceedances are identified to determine soil preliminary remedial goals (PRGs) and appropriate remedial measures and land use controls. Possible complete exposure pathways include direct exposure (dermal contact, inhalation of particles, and incidental ingestion) to site soils for current and future industrial workers. The goal of the selected remedial action is to most effectively reduce unacceptable risk to the industrial worker exposure – the most likely scenario. Institutional controls are required to manage and, as necessary, mitigate the risk associated with future reuse plans, including residential, recreational, or commercial development. The following sections detail the potential exposure pathways of COC in Block F soils.

3.2 POTENTIAL CONTAMINANT-RELEASE MECHANISMS AND TRANSPORT PATHWAYS

COC in surface soil could migrate to air through wind erosion. Subsurface soil is not currently exposed; however, if future construction were to bring subsurface soil to the surface, contaminants could be transported into the air. Contaminants could migrate from both surface and subsurface soil to groundwater through leaching of chemicals in soil; however, leaching to groundwater is considered an incomplete exposure pathway for this site, given that the primary COC, are polycyclic aromatic hydrocarbons (PAHs). Surface water runoff from the concrete tarmac of recognized environmental condition (REC) #4 will most likely discharge directly to Dark Head Cove as overland sheet flow. Surface water runoff from the grassy areas of Block F

will generally infiltrate into the underlying soil or discharge to Dark Head Cove or Cow Pen Creek as overland sheet flow.

3.3 FATE AND TRANSPORT OF PRIMARY SITE CHEMICALS OF POTENTIAL CONCERN (COPC) IN SOIL

PAHs are fairly immobile chemicals composed of large molecules, with low solubilities, low vapor pressures, low Henry's Law constants, and high partitioning coefficients. PAHs in soil are much more likely to bind to soil and be transported via mass-transport mechanisms (e.g., gravity flow of PAH-containing product, etc.) rather than through dissolution; PAHs found in surface soil generally do not migrate vertically to a great extent. Instead, they are more likely to adhere to soil particles and be removed from the site via surface water runoff and erosion, especially in the absence of pavement or stabilizing vegetation, or if erosion controls are absent or not functioning properly. PAHs are not typically found in groundwater when only generally low concentrations are present in soils. Groundwater monitoring completed at the MRC provides evidence that PAHs are not mobile in groundwater; therefore, PAHs are not a groundwater COC.

3.4 POTENTIAL CURRENT AND FUTURE RECEPTORS OF CONCERN AND EXPOSURE PATHWAYS

Industrial workers could be exposed to chemicals in *surface soils* (0-2 feet below grade) through incidental ingestion and dermal contact, and through inhalation of airborne contaminants emanating from soil. Exposure to subsurface soil (two to 10 feet below ground surface) via incidental ingestion, dermal contact, and inhalation is considered a potential exposure pathway for the future construction worker only, as it is unlikely that the other receptors will come into contact with subsurface soils at these depths.

Section 4

Remedial Goals

Section 4 identifies the chemical of concern (COC) for which further remedial action is necessary to reduce human health risk to future users of Block F. This section also presents the preliminary remedial goal (PRG) developed for Block F soils, and an overview of the residual-risk analysis (RRA) conducted to identify the soil locations requiring remediation to achieve soil remedial action objective (RAO) number 1 (No. 1) established for Block F. The complete RRA conducted for Block F, is in Appendix D. This section concludes with the identification of the applicable soil cleanup standards that will be employed to achieve attainment of RAO No. 2.

4.1 REMEDIAL ACTION OBJECTIVES

RAOs are developed to mitigate potential exposure pathways (identified in the conceptual site model [CSM]) that could be complete under current or foreseeable future land use scenarios. Development of RAOs must consider applicable or relevant and appropriate requirements (ARARs). The following RAOs have been developed for Block F soils.

- | | |
|-------------------|--|
| <i>RAO No. 1—</i> | Reduce site-related COC in Block F soils to a 1×10^{-5} human health cancer-risk limit for industrial workers exposed to COC via ingestion, dermal contact, and inhalation. |
| <i>RAO No. 2—</i> | Excavation and offsite recycling or disposal of seven abandoned-in-place former aviation fuel underground storage tanks (USTs) at recognized environmental concern (REC) #5 in accordance with Maryland Oil Control Program (OCP) Guidance and Code of Maryland Regulations (COMAR), Title 26.10 “Oil Pollution and Tank Management” to obtain a clean closure in REC #5 under a residential use scenario. |

RAO No. 1 developed for Block F supports a range of treatment and containment alternatives which will be evaluated further for their ability to meet the ARARs and achieve the RAO. RAO No. 2 ensures compliance with current regulations and limits uncertainty associated with lack of proper closure documentation for the 1986-1987 in-place abandonment of these USTs. Appropriate notifications and reporting will be provided to the Maryland Department of the

Environment (MDE) in accordance with *Code of Maryland Regulations* (COMAR) 26.10 and the Maryland Oil Control Program (OCP). The RAO, by removing subsurface USTs and ancillary structures in REC #5, also will eliminate the need for UST-related land use controls (LUCs) that would prevent excavation in this area in the future.

Figure 4-1 represents the areas within Block F to be remediated to meet the PRG and RAOs.

4.2 CHEMICALS OF CONCERN

The human health risk assessment (HHRA) identified polycyclic aromatic hydrocarbons (PAHs), expressed as benzo(a)pyrene equivalents (BaPEq)¹, as the COC for Block F soil, assuming a typical industrial worker is the receptor of concern.

4.3 PRELIMINARY REMEDIAL GOAL

The PRG established for the Block F soil COC (BaPEq) satisfies the requirements of the MDE controlled hazardous substances regulations, and is consistent with the requirements of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 *Code of Federal Regulations* [CFR] Part 400.430), promulgated under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

For PAH constituents represented by BaPEq, the selection of a risk-based PRG representing the 1×10^{-5} cancer-risk level is consistent with RAO No. 1 and the approach presented in previous documents published for MRC tax block soils (e.g., *Final Soil Response Action Plan, Block B, Lockheed Martin Middle River Complex* [Tetra Tech, 2009]). A PRG based on an incremental lifetime cancer-risk (ILCR) of 1×10^{-5} (versus a remedial goal based on an ILCR of 1×10^{-6} , i.e., a one-in-a-million risk) is used for the following reasons:

- BaPEq represents a *group* of chemicals (i.e., benzo(a)pyrene and related chemicals), not a single COC, and therefore risk analysis based on BaPEq accounts for cumulative risk

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

-
- non-site related anthropogenic sources of benzo(a)pyrene (and other BaPEq associated with “fill material”) have contributed to study area soil concentrations
 - PRGs set at the 1×10^{-6} level for the BaPEq constituents are often significantly less than typical anthropogenic background levels (particularly in highly developed areas).

The 1×10^{-5} risk-based PRG for BaPEq is 2.9 milligrams per kilogram (mg/kg). This PRG was calculated using the methodology presented in the HHRA (Tetra Tech, 2012b) and verified using the United States Environmental Protection Agency (USEPA) regional screening level (RSL) calculator (http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search). The associated check-calculation spreadsheets are in Appendix D (Residual-Risk Analysis), Attachment A.

Appendix D includes histograms showing BaPEq concentration distributions in Block F. The histograms demonstrate that risk estimates are strongly influenced by elevated concentrations detected at relatively few (of the many) sampling locations within Block F.

4.4 RESIDUAL-RISK ANALYSIS

A residual-risk analysis (RRA) was conducted to identify those locations to be remediated to achieve “representative” soil concentrations that do not exceed the PRG established for the COC in the Block F soils. A “representative” soil concentration (also referred to as the exposure-point concentration) is defined as the 95% upper confidence limit (UCL) on the arithmetic mean (95% UCL) for a receptor in an exposure unit (in this case, an industrial worker within Block F). In overview, the RRA ranks locations from most contaminated to least contaminated, and then sequentially “removes” sample results/locations from the calculation (i.e., targets sampling locations for remediation) until the 95% UCL concentration for a COC does not exceed the PRG in the study area.

The RRA was performed for Block F soils from zero to two feet below ground surface [bgs] (i.e., surface soils), and for soils from two feet bgs to the water table (subsurface soils). Soils below the water table are not targeted for potential remediation and are addressed through LUCs. Depth to groundwater at Block F varies between two and five feet bgs, with an allowance of two feet for seasonal fluctuation (figures showing depth-to-groundwater contours are in Appendix F). The RRA was conducted as described in the following paragraphs:

Step 1: Identification of COC for the RRA—As discussed earlier, BaPEq was identified as the only Block F COC.

Step 2: Identification of PRGs—Risk-based preliminary remedial goals for the industrial worker were calculated for all COC and presented in the HHRA for Tax Block Soils (Tetra Tech, 2012b). The remedial goal selected for the evaluation of BaPEq constituents in the RRA (2.9 mg/kg) is the concentration representing the 1×10^{-5} cancer risk level.

Step 3: Ranking of locations—Samples in Block F were ranked by BaPEq concentration and risk. Surface soil (i.e., soils from the ground surface to two feet in depth) locations were ranked separately from subsurface (vadose zone) soil (i.e., soil between two feet bgs and the typical depth to groundwater for Block F). If more than one soil sample was available for a given depth interval, the maximum concentration was used to rank the location.

Step 4: Iteratively remove samples and recalculate exposure-point concentrations (EPC)—Ranked samples were reviewed to select an initial set of locations to undergo RRA. Locations with cancer risk estimates exceeding the 1×10^{-5} cancer risk level for the typical industrial worker were selected as a starting point, because that level is the MDE cumulative cancer-risk benchmark. These locations contribute significantly to the risk estimates presented in the HHRA, and were considered a reasonable starting point for the analysis. The selected data points (assuming removal via excavation) were replaced by an assumed (clean fill) concentration of 10 micrograms per kilogram ($\mu\text{g/kg}$); the 95% UCL for the BaPEq constituents was then recalculated using the substituted concentrations. The 10- $\mu\text{g/kg}$ concentration was selected as the replacement soil value instead of non-detect to be conservative. If the recalculated 95% UCL exceeded the PRG for the industrial worker, additional locations were iteratively removed from the data set and replaced with the proxy for non-detect concentration (10 $\mu\text{g/kg}$), and the recalculation process was then repeated until the resultant 95% UCL was equal to or less than the PRG. BaPEq concentrations in the soil samples targeted for removal ranged from 3,838 $\mu\text{g/kg}$ (3.8 mg/kg) to 50,001 $\mu\text{g/kg}$ (50 mg/kg).

Step 5: Address cumulative risk issue—The RRA focused on the reduction of the BaPEq exposure point calculation (EPC) and, thus, reduction of the risk. Since BaPEq represents cumulative PAH compounds, excavation of soils such that the BaPEq EPC is less than the PRG

(2.9 mg/kg) will also result in a cumulative risk estimate for the worker that is equal to or less than the 1×10^{-5} cancer risk level.

Step 6: Margin of safety—Locations targeted for potential remediation based on the preceding steps were reviewed to determine if any additional locations should be targeted, so that the results of the residual-risk analysis clearly include a margin of safety (i.e., the cumulative health risk is less than 1×10^{-5}). For example, if sampling location “X” was targeted for remediation and located near sampling location “Y,” which was not targeted for remediation but had an elevated COC concentration, sampling location “Y” may have been added to the list of targeted locations. Professional judgment factors were used to select the “additional” sampling locations targeted for remediation. The most frequently considered factors were: (1) the concentrations at non-targeted locations near (horizontally or vertically) targeted locations, and (2) the spatial distribution of the data (e.g., the sample density, or lack thereof) in a particular area demonstrating exceedances.

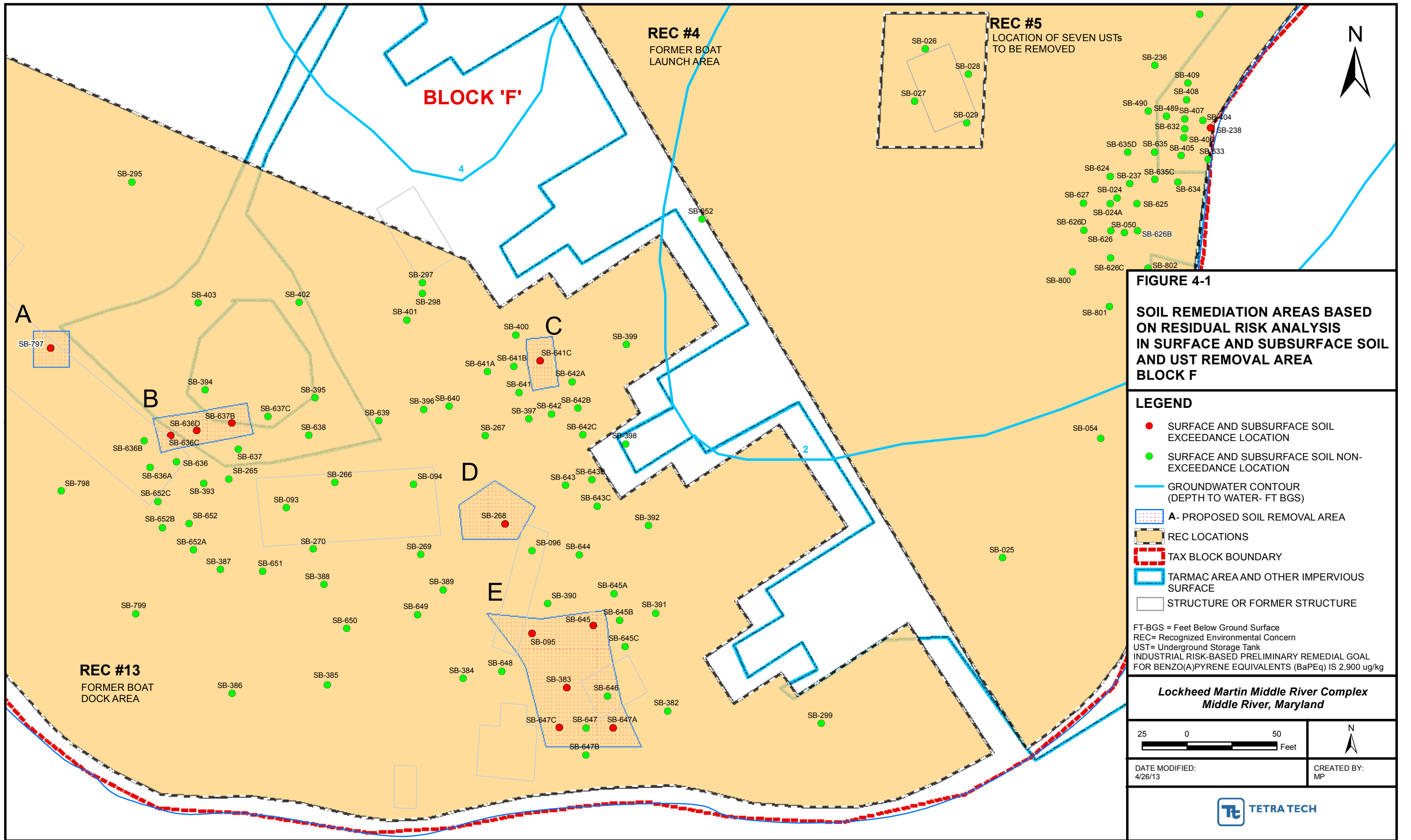
4.5 ATTAINMENT OF PRELIMINARY REMEDIAL GOALS AND REMEDIAL ACTION OBJECTIVES

This RAP provides an evaluation of remedial alternatives needed to achieve the established RAOs for soils at Block F. Following implementation of the remedial action, post-remedial attainment samples will be collected to ensure RAO No. 1 is achieved and that soils requiring removal (per the RRA) from the ground surface to two feet below ground surface, or down to the groundwater table (whichever is encountered first), have been addressed. The BaPEq concentrations in confirmatory sidewall samples from the excavation will be used to re-calculate the BaPEq residual risk for soils at Block F, and sampling will be considered finished when the required locations are removed and the residual risk complies with the requirements of the RAO. Section 8 provides further details on the sampling required to demonstrate attainment of the preliminary remedial goals.

Post-excavation sampling will also be required to achieve RAO No. 2 and to demonstrate the USTs were removed in compliance with COMAR 26.10 and the Maryland OCP. The OCP requires the collection of sidewall and base soil samples, analysis of samples for total petroleum hydrocarbons (TPH) diesel-range organics (DRO) and gasoline-range organics (GRO), and comparison of results to the MDE residential soil cleanup standard for TPH-DRO and -GRO

(230 mg/kg). An additional requirement, per the Baltimore County OCP inspector, will be the analysis of sidewall and base soil samples for volatile organic compounds (VOCs) by USEPA Method SW846 8260B. VOC results in soil samples will be compared to the MDE residential soil cleanup standards. RAO No. 2 is achieved when the post-removal, UST site assessment/closure report is approved by MDE, and residual TPH and VOC concentrations in base and sidewall soil samples are less than MDE soil cleanup standards, or LUCs are instituted to limit future access to soils left in place exceeding these screening criteria. Section 8 provides further details on the UST removal post-excavation confirmation sampling.

MDE will issue a No Further Action letter once the RAOs have been met. LUCs for groundwater and any remaining soil will be established as part of site closure.



Section 5

Remedial Action Alternative Evaluation and Selection

Selected technologies and land use controls (LUCs) for the proposed soil remedial action are presented in this section, as required by the Maryland Department of the Environment (MDE) Controlled Hazardous Substances (CHS) Enforcement Division. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 *Code of Federal Regulations* [CFR] Part 400.430), promulgated under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), guides the selection of remedial technologies. This section describes the identification, screening, and evaluation of potential technologies and process options, their preliminary screening and detailed evaluation, selection of representative process options, development and detailed analysis of alternatives, comparative analysis of alternatives, and identification of the proposed alternative.

Technology identification and screening is based on the following steps:

- identification of chemicals of concern (COC) (see Section 4)
- development of remedial action objectives (RAOs) (see Section 4)
- development of preliminary remedial goals (PRGs) (see Section 4)
- identification of applicable or relevant and appropriate requirements (ARARs)
- identification of general response actions (GRAs) (this section)

5.1 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS AND GENERAL RESPONSE ACTIONS

The ARARs in this remedial action plan (RAP) are state or federal statutes or regulations pertaining to the protection of human health and the environment that must be considered when addressing specific conditions or using a particular cleanup technology at a site. Other criteria that are non-promulgated, non-enforceable guidelines or criteria that may be useful in developing

a remedial action or may be necessary to determine what protects human health and/or the environment will be considered. Examples include United States Environmental Protection Agency (USEPA) industrial exposure risk-based concentrations and similar MDE standards.

One of the primary concerns in developing remedial action alternatives for contaminated sites is the degree of human health and environmental protection offered by a remedy. CERCLA Section 121 requires that primary consideration be given to remedial alternatives that attain or exceed ARARs. The purpose of this requirement is to make CERCLA remedial actions consistent with other pertinent federal and state environmental requirements. The NCP identifies the following three categories of ARARs [40 CFR Section 300.400 (g)]:

- *Chemical-specific*—Health-risk-based numerical values or methodologies that establish concentration or discharge limits for particular contaminants. Table 5-1 presents a list of federal and State of Maryland chemical-specific ARARs and to be considered (TBC) criteria. These ARARs and TBC criteria provide some medium-specific guidance on “acceptable” (by regulation) or “permissible” concentrations of contaminants.
- *Location-specific*—ARARs that restrict actions or contaminant concentrations in certain environmentally sensitive areas. Examples of areas regulated under various federal laws include floodplains, wetlands, and locations where endangered species or historically significant cultural resources are present. Table 5-2 presents a list of federal and Maryland location-specific ARARs and TBC criteria. These ARARs and TBC criteria place restrictions on contaminant concentrations or the conduct of activities solely based on the site’s particular characteristics or location.
- *Action-specific*—Technology- or activity-based requirements, limitations on actions, or conditions involving special substances that control or restrict the remedial action. Examples of action-specific ARARs include wastewater discharge standards and performance or design standards, controls, or restrictions on particular types of activities. Table 5-3 lists federal and Maryland action-specific ARARs and TBCs.

GRAs are broadly defined response approaches that may attain RAOs. GRAs describe categories of actions that could be implemented to satisfy or address a component of the RAOs for the site. GRAs corresponding to the Block F RAOs are listed in Table 5-4 and below; response action alternatives have been developed using these GRAs individually or in combination:

- no action
- containment
- limited action:
institutional controls
- soil removal
- *in situ* treatment

5.2 SCREENING OF TECHNOLOGIES AND PROCESS OPTIONS

This section includes identification, screening, and evaluation of potential technologies and process options that may be applicable to remediating impacted Block F soil. The primary objective of this phase is to develop an appropriate range of remediation technologies and process options that will meet RAOs. The remediation technologies and process options are identified based on experience with similar projects, in addition to publicly available information from the Federal Remediation Technologies Roundtable (FRTR) technologies screening matrix tool (FRTR, 2012) and the Interstate Technology and Regulatory Council (ITRC) screening tool (ITRC, 2012). The identified technologies and process options were screened in accordance with USEPA guidance (USEPA, 1988) and Lockheed Martin Corporation (Lockheed Martin)-specific considerations for environmental impacts and total cost analysis. Table 5-5 presents the results of screening with respect to effectiveness, implementability, and relative cost. The following evaluation criteria were used in the screening:

- *Effectiveness*: This criterion screens out technologies as follows:
 - Technologies and process options that were not effective in eliminating potential exposure pathways (in particular, for current industrial workers), or were not effective in meeting the RAOs, were screened out.
 - Unreliable technologies and process options were screened out.
- *Implementability*: Technologies that cannot be implemented in the area were screened out.
- *Relative cost*: Technologies with costs significantly higher than others that achieve similar performance or goals were screened out. Relative costs such as high, medium, and low are provided, based on experience with similar projects and publicly available information from the FRTR and ITRC screening tools (FRTR, 2012 and ITRC, 2012).

Technologies and process options that passed initial screening and detailed evaluation (Table 5-6) were selected for the next step in remedial alternative selection—the development of soil remedial alternatives.

5.3 DEVELOPMENT AND DETAILED ANALYSES OF ALTERNATIVES

This section discusses the development of the soil remedial action alternatives from the retained process options, and describes the conceptual design for the selected short list of alternatives. Impacted soil, as defined in the following discussion, is the soil that the RRA identified for

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

5.3.1 Development and Preliminary Screening of Alternatives

Seven alternatives were developed from the technologies and process options retained in Section 5.2. The following paragraphs describe each alternative in detail:

Alternative 1: No action

This alternative would not meet RAOs, and is presented only for comparison purposes.

Alternative 2: Institutional controls

This alternative would not mitigate impacted soils; institutional controls would be the sole means of managing and minimizing risks. This alternative involves no active remedy, but lowers risk when compared to the no-action alternative. This alternative would not meet all RAOs, because users of the site may come in contact with impacted soils and they may not comply with Oil Control Program (OCP) requirements.

Alternative 3: Excavation and off-site disposal of impacted soils to a depth of two feet, underground storage tank (UST) removal, and institutional controls

This alternative incorporates excavation and disposal of the top two feet of soils based on the residual risk analysis (RRA), removal of seven USTs at recognized environmental condition (REC) #5 with the placement and compaction of clean soil post removal, followed by institutional controls. Soils below the groundwater table would remain in place. Seven USTs at REC #5 would be removed following excavation, and clean soil would be placed and compacted. Institutional controls would still be required for soils that remain onsite, for groundwater, and for soils below the groundwater table. This alternative includes post-excavation attainment sampling and sampling for disposal purposes. This alternative would meet all RAOs. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Alternative 4: Limited excavation and soil cover over impacted areas, UST removal, and institutional controls

This alternative incorporates removal of the top six inches of soil, with subsequent placement of a two-foot-thick soil cover over the impacted soil footprint. The soil cover would consist of six inches of topsoil and 1.5 feet of subgrade clean fill. The subgrade soils would be compacted to the required degree. The soil cover would raise surface grade by 1.5 feet within the 100-year floodplain. The 100-year flood plain elevation is nine feet above mean sea level (msl). Currently, most of Block F is within the 100-year flood plain elevation. This alternative would thus pose significant critical-area permitting considerations, as well as stormwater management issues. This alternative would involve the removal of seven USTs at REC #5 with the placement and compaction of clean soil post removal. This alternative would require institutional controls for soils that remain on-site, and for groundwater and soils beneath the groundwater table. This alternative would not require any attainment sampling. This alternative would meet all RAOs. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Alternative 5: Enhanced bioremediation of impacted surface soils, UST removal, and institutional controls.

This alternative would involve enhanced bioremediation of the top two feet of impacted soils, removal of seven USTs at REC #5 with the placement and compaction of clean soil post removal, followed by institutional controls. Soil beneath the groundwater table would be left in place. The *in situ* bioremediation method proposed would use a soil tilling technique to apply proprietary soil amendments and water that stimulate native organisms to biodegrade organic COC (e.g., polycyclic aromatic hydrocarbons [PAHs]). This alternative includes post-remedial-action attainment sampling. Bench-scale testing would be required to establish the viability of this technology and to determine if the RAOs will be achieved. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Alternative 6: *In situ* stabilization of impacted soils to the groundwater table, UST removal, and institutional controls

This alternative consists of *in situ* stabilization of soils using an auger and cement-like material, resulting in COC becoming less mobile and less bio-available. Stabilization techniques can be applied *in situ* or *ex situ*. The *in situ* techniques are more cost-effective because the soil matrix is

disturbed to a lesser degree. Therefore, only *in situ* techniques were considered. This alternative would involve the removal of seven USTs at REC #5 with the placement and compaction of clean soil post removal. This alternative would require institutional controls for soils that remain on-site, groundwater, and soils below the water table. Since stabilized materials may degrade over time, this alternative may still not meet the risk-based RAO. This alternative would also require bench-scale and pilot testing to ascertain its effectiveness in meeting the RAOs and to finalize mix ratios. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Alternative 7: Phytoremediation in the impacted areas, UST removal, and institutional controls

This alternative consists of planting mulberry trees at a density of 1,000 trees per acre in impacted areas to enhance the biodegradation of COC. This alternative would require annual sampling to monitor the decrease in soil COC concentrations. This alternative would also require bench-scale and pilot testing to ascertain its effectiveness in meeting the RAOs. This alternative would involve the removal of seven USTs at REC #5 with the placement and compaction of clean soil post removal. This alternative would require institutional controls for soils that remain on-site, groundwater, and soils below the water table. Phytoremediation is only effective when the rooting system is uniformly distributed throughout the soil matrix being treated; should this distribution not be uniform, impacted soils could remain untreated. In addition, COC uptake by plants has to be monitored in order to prevent inadvertent human exposure (such as through the consumption of fruit). Therefore, this alternative may not meet RAO No. 1. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Common aspects of institutional controls (Alternatives 2–7)—Institutional controls include, but are not limited to, restrictions on the use of groundwater, cover maintenance requirements (if Alternative 5 is implemented), excavation notification, soil reuse restrictions, and limitations on future property use. MDE requires that these institutional controls be included on property deeds. Any excavations must meet the requirements of a site-specific health and safety plan to ensure that worker protection measures are met.

The MDE will document LUCs and related environmental covenants applicable to the Block F property in the applicable No Further Action letter, which will be issued upon successful completion of soil remediation achieving the RAOs in Block F. The No Further Action letter will be filed in the local land use records and will be passed to subsequent property owners as part of the deed documentation (i.e., the covenant “travels with the land”). MDE regards all LUCs as existing in perpetuity unless the related environmental covenants are eliminated or modified by mutual consent of the stakeholders. MDE will present certain environmental covenants as part of the No Further Action letter documentation, and these covenants will provide stakeholders with legal standing for their enforcement. MDE will determine final disposition of any LUCs.

Common aspects of Alternatives 3–4—Impacted soils are defined as soils having COC concentrations associated with an incremental lifetime cancer risk (ILCR) greater than one in 100,000 (1×10^{-5}) that were identified in the RRA. For cost estimation purposes, we have assumed that soil will be shipped to the licensed and approved Waste Management GROWS North landfill facility in Morrisville, Pennsylvania. This facility is currently on Lockheed Martin’s approved facility list. Following excavation of impacted soils, clean backfill will be placed in six-inch lifts and compacted to 95% of their dry density.

The process of developing these alternatives is outlined in Table 5-7. Based on the analysis of the remedial goals, advantages, disadvantages, and costs, Alternatives 1 through 6 were retained. Alternative 7 (phytoremediation in the impacted areas, UST removal, and institutional controls), was eliminated because its implementation may not meet RAO No. 1. Because it is dependent upon growing mulberry trees and an associated root structure that will enhance COC degradation this technology is estimated to take approximately 15 years to meet RAO No. 1. This time period, coupled with the uncertainty in the alternative’s effectiveness, does not provide for immediate use of the site. Table 5-8 provides a ranking of the alternatives following the preliminary screening.

5.3.2 Evaluation Criteria

The six alternatives that passed preliminary screening were evaluated in more detail using the nine evaluation criteria presented in the NCP. The NCP evaluation criteria are intended to provide a framework for assessing the risks, costs, and benefits of each remedial alternative. The first two criteria, or *threshold criteria*, address overall protection of human health and the

environment and compliance with ARARs. All alternatives (excluding Alternative 1: No Action) meet these criteria, although several require bench-scale testing to determine if RAOs will be achieved. The next five criteria described in the NCP are primary balancing criteria. This RAP also adds a sixth balancing criterion: the environmental impacts of each alternative. Thus, the six primary *balancing criteria* considered are as follows:

- long-term effectiveness and permanence
- reduction in toxicity, mobility, and volume through treatment
- short-term effectiveness
- implementability
- environmental impacts
- cost

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

Reduction of toxicity, mobility, or volume through treatment—Alternatives must be assessed for the degree to which they employ recycling or treatment that reduces the toxicity, mobility, or volume of the waste being assessed, including how the treatment and associated reduction addresses principal site risks.

Short-term effectiveness—The short-term effects of the alternative must be assessed considering the following:

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

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

Environmental impacts—The environmental impacts of the remedial alternatives were assessed using the SiteWise™ software tool (Appendix G). SiteWise™ is a spreadsheet-based tool developed by the United States Navy, United States Army Corps of Engineers, and Battelle Memorial Institute (United States Navy, 2011). It provides a model for assessing the environmental footprint of remedial alternatives in terms of a consistent set of metrics, including greenhouse gas emissions, particulate emissions, and energy usage. The components of Alternatives 3–6 were divided into four modules (representing the remedial phases of most remedial actions) and their environmental footprint was then calculated. These results are then combined to determine the total footprint of each alternative and enable comparison among the set of alternatives. SiteWise™ can also be used to determine the primary footprint contributors of each alternative.

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

- **I—Direct costs** (recurring and non-recurring), including:
 - remediation design
 - remediation construction, including capital, labor, material, and waste disposal
 - operating, maintenance, and monitoring for a 50-year time period
 - decommissioning and disposal upon remedy completion
 - worker safety measures
- **II—Indirect costs** (recurring and non-recurring) expended by Lockheed Martin to manage and support the remediation program
- **III—Future and contingent liability costs**, including:
 - fines and penalties

-
- natural resource damage assessments under CERCLA
 - property damage
 - disposal or recycling facility failures
 - future development under LUCs
 - currently unknown issues, such as:
 - unknown contamination in the remediation area or under the operating manufacturing facilities
 - future releases to groundwater
 - effect that future modification or demolition of manufacturing facilities may have, including changes in groundwater flow and contaminant release
 - emerging contaminants of concern
 - **IV—Internal intangible costs**, including:
 - community relations
 - regulatory relations
 - corporate and brand impacts
 - customer loyalty
 - worker wellness and morale
 - **V—External costs** (borne by society), including:
 - environmental deterioration
 - resource depletion
 - protection of future residents and workers

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

The NCP also includes two *modifying criteria*, state and local acceptance, for consideration. Lockheed Martin has proactively interacted with both MDE and the local community to present

potential alternatives and discuss the potential ramifications of each alternative. MDE approval of the RAP will constitute state acceptance, and Lockheed Martin is committed through its community outreach and public engagement program to provide the public an opportunity to provide comments on the RAP before final approval and implementation. The two modifying criteria will not be scored during the evaluation of the remedial actions at this time, but will be incorporated after MDE reviews the document and community input on this RAP has been received.

5.3.3 Detailed Analyses of Alternatives

The following sections describe the six alternatives retained based on the preliminary screening using the evaluation criteria presented in Section 5.3.2.

5.3.3.1 Alternative 1: No Action

Description of Alternative 1—

This alternative would leave Block F in its current condition. This alternative is required to establish a basis for comparison with other alternatives.

Detailed analysis of Alternative 1—

Long-term effectiveness and permanence—Alternative 1 would not be effective in the long term for meeting RAOs because site COC in soils would remain above the 1×10^{-5} human health cancer risk limit and the USTs would remain in-place. Concentrations of soil COC might gradually decrease to acceptable levels in accord with regulations over a long period because of natural processes; however, it will take a very long time to reach the risk-based Soil RAO No. 1 if no action is performed. The UST removal Soil RAO No. 2 would not be achieved.

Reduction of toxicity, mobility, and volume through treatment—Alternative 1 would not employ any treatment; therefore, there will be no reduction of toxicity, mobility, or volume for COC.

Short-term effectiveness—This alternative has no unmitigatable short-term adverse effects because no action would be implemented.

Implementability—Alternative 1 has no implementability concerns because no action will be implemented.

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

Cost—No costs would be associated with Alternative 1.

5.3.3.2 Alternative 2: Institutional Controls

Description of Alternative 2—

This alternative would leave contaminated soils at Block F in their current condition but would institute LUCs for soil and groundwater at the site.

Detailed analysis of Alternative 2—

Long-term effectiveness and permanence—Alternative 2 would not be compatible with the desired current and future land use of the site. Alternative 2 would not be effective in the long term for meeting RAOs because site COC in soils would remain above the 1×10^{-5} human health cancer risk limit. This alternative would not alter risk should institutional controls fail, but is reliable to the extent that institutional controls are effective. Concentrations of soil COC might gradually decrease to acceptable levels in accord with regulations over a long period because of natural processes; however, it will take a very long time to reach the risk-based Soil RAO No. 1. The UST removal Soil RAO No. 2 would not be achieved.

Reduction of toxicity, mobility, and volume through treatment—Alternative 2 would not employ any treatment; therefore, toxicity, mobility, and volume of COC would not be reduced.

Short-term effectiveness—This alternative has no unmitigatable short-term adverse effects because no action would be implemented.

Implementability—Alternative 2 would be easily constructible; however, monitoring will likely need to be incorporated with institutional controls.

Environmental impacts—No air emissions or impacts to water resources would be caused by Alternative 2 because no treatment will be implemented.

Cost—The following costs for Alternative 2 were estimated via the TCA process:

- implementation: \$139,155
- operational, maintenance, and monitoring: \$162,000

-
- total cost: \$301,155
 - net present value cost: \$187,000

5.3.3.3 Alternative 3: Excavation and Off-Site Disposal of Impacted Soils to a Depth of Two Feet, UST Removal, and Institutional Controls

Description of Alternative 3—

Alternative 3 consists of four major components: (1) soil excavation to allow industrial site use at acceptable health risk levels in accord with regulations, (2) removal of seven USTs, (3) off-site disposal of soil, and (4) implementation of institutional controls. Figure 4-1 illustrates the areas to be excavated for Alternative 3.

Components 1 and 2: soil excavation and UST removal—Figure 4-1 shows the areas in Block F that would be excavated to meet the industrial risk-based PRG, as well as the locations of the seven USTs to be removed. As part of site preparation, a material handling pad, decontamination zones, and haul routes would be constructed to allow equipment access; these areas would be investigated for the presence of underground utilities and structures, if required. The top two feet of soils would be excavated using a bulldozer, front-end loader, or similar equipment. All seven previously abandoned-in-place USTs, associated piping, and contaminated soil with concentrations of total petroleum hydrocarbons (TPH)-diesel-range organics (DRO), TPH-gasoline-range organics (TPH-GRO), or volatile organic compounds (VOCs) greater than MDE residential cleanup standards (if present) would be removed.

Post-removal confirmation samples in excavation areas A–E (see Figure 4-1) would be collected from the sidewalls (base also but only for informational purposes) of the excavations and analyzed for benzo(a)pyrene equivalent (BaPEq) PAHs. Post-removal confirmation samples in the previously abandoned-in-place aviation fuel UST excavations would be collected from the sidewalls and base of each excavation and analyzed for TPH-DRO, TPH-GRO, and VOCs. Following excavation, and after post-removal confirmation sampling results confirm that remaining soil concentrations are less than 230 milligrams per kilogram (mg/kg) for TPH-GRO and DRO, and less than MDE residential cleanup standards for VOCs in the UST removal area, and the overall site-wide exposure point concentration is less than 2.9 mg/kg for BaPEq including sampling results from the sidewall excavation areas A-E, the excavated areas would be backfilled with certified-clean material and graded to original contours. The final surface restoration has not been determined at this time, the specific restoration method will be described

in permitting and design documents that will follow this RAP. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Component 3: off-site soil disposal—The expected actions for excavated soils are as follows:

- Excavated material characterized as Resource Conservation and Recovery Act (RCRA) nonhazardous waste would be transported to a permitted RCRA Subtitle D facility for direct landfilling or to a permitted, Lockheed Martin-approved recycling facility.
- Excavated soil that fails toxicity characteristic leaching procedure (TCLP) testing will be characterized as RCRA hazardous waste and will be transported to a permitted RCRA Subtitle C treatment, storage, and disposal facility (TSDF) for treatment to meet TCLP limits, followed by direct landfilling.

The volumes estimated for disposal at the various facilities will need to be verified based on sampling and analysis of stockpiled soil, followed by profiling (as necessary) for each facility. Estimated disposal volumes are presented in the TCA in Appendix H.

Component 4: institutional controls—Institutional controls include restrictions on the use of groundwater, excavation notification, soil reuse restrictions, and limitations on future use of property.

Detailed analysis of Alternative 3—

Long-term effectiveness and permanence—Alternative 3 would be very effective long-term in eliminating risk if impacted soils to the groundwater table are removed.

Reduction of toxicity, mobility, and volume through treatment—No reduction of toxicity, mobility, or volume through treatment would be achieved for Alternative 3 because no treatment would be implemented.

Short-term effectiveness—Alternative 3 would generate environmental impacts during construction. Some construction impacts associated with this alternative can be mitigated with dust control, air monitoring, sidewall protection, and possibly dewatering to reduce risk to the surrounding community and on-site workers.

Implementability—Personnel and equipment to design and implement the proposed actions are readily available, and time to coordinate with stakeholders and obtain the necessary permits can be built into the schedule. Identification and field location of utilities and other features that may

interfere with construction will also be required during the design process and before intrusive construction work begins. With these considerations, Alternative 3 is implementable.

Environmental impacts—The following environmental effects were estimated using SiteWise™ (Appendix G):

- greenhouse gas emissions—83 metric tons
- water impacts—3,560 gallons
- nitrogen oxides (NO_x) emissions—0.146 metric tons
- sulfur oxides (SO_x) emissions—0.0728 metric tons
- particulate matter (PM₁₀) emissions—0.252 metric tons
- total energy used—3,747 million British thermal units (MMBTUs)

Cost—The following costs for Alternative 3 were estimated via the TCA process:

- | | |
|---|-------------|
| • implementation: | \$857,229 |
| • operational, maintenance, and monitoring: | \$162,000 |
| • closure cost: | \$101,717 |
| • total cost: | \$1,120,946 |
| • net present value cost: | \$1,000,136 |

5.3.3.4 Alternative 4: Limited Excavation and Soil Cover over Impacted Areas, UST Removal, and Institutional Controls

Description of Alternative 4—

Alternative 4 consists of the following five major components: (1) removal of seven USTs, (2) excavation of the top six inches of soil in impacted areas, (3) off-site disposal of soil, (4) placement of soil cover, and (5) implementation of institutional controls. Figure 4-1 illustrates the areas to be remediated under Alternative 4.

Component 1: UST removal—Figure 4-1 shows the locations of the seven USTs to be removed. All seven USTs were previously abandoned-in-place; the USTs, associated piping, and contaminated soil containing TPH-DRO, TPH-GRO, and VOC concentrations greater than MDE residential cleanup standards would be removed as part of this alternative. As part of site

preparation, a material handling pad, decontamination zones, and haul routes would be constructed to allow equipment to access the areas to be excavated; these areas will be investigated for the presence of underground utilities and structures, if required. The USTs would be removed using a backhoe or similar equipment.

Post-removal confirmation samples in the previously abandoned-in-place aviation fuel UST excavations would be collected from the sidewalls and base of each excavation and analyzed for TPH-DRO and TPH-GRO. Following excavation, and after post-removal confirmation sampling results confirm that remaining soil concentrations are less than 230 mg/kg for TPH-GRO and TPH-DRO, and less than MDE residential VOC cleanup standards, the excavated areas would be backfilled with certified-clean material and graded to original contours. The final surface restoration has not been determined at this time and the specific restoration method will be described in permitting and design documents that will follow this RAP. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Components 2 and 3: soil excavation and placement of soil cover—Figure 4-1 shows the areas of Block F that would be excavated to six inches bgs. As part of site preparation, a material handling pad, decontamination zones, and haul routes would be constructed to allow equipment to access the areas to be excavated; these areas would be investigated for the presence of underground utilities and structures, if required. Soil would be excavated using a bulldozer, front-end loader, or similar equipment.

The soil cover in the excavated areas would consist of six inches of topsoil over 1.5 feet of subgrade clean fill. The subgrade soils will be compacted to the required degree. The soil cover will raise the grade by 1.5 feet within the 100-year floodplain. Block F is located within the Chesapeake Bay Flood Plain Critical Area; therefore, the site elevation must stay within the 100 year flood plain elevation. The 100-year flood plain elevation is nine feet above msl, and most of Block F is currently within the 100-year flood plain elevation.

Component 4: off-site soil disposal—The expected actions for the excavated soil follow:

- Excavated material characterized as RCRA nonhazardous waste would be transported to a permitted RCRA Subtitle D facility for direct landfiling, or to a permitted, Lockheed Martin-approved recycling facility.

-
- Excavated soil that fails TCLP testing will be characterized as RCRA hazardous waste and will be transported to a permitted RCRA Subtitle C TSDF for treatment to meet TCLP limits, followed by direct landfilling.

The volumes estimated for disposal at the various facilities would need to be verified based on sampling and analysis of stockpiled soil, followed by profiling (as necessary) for each facility. Estimated disposal volumes are presented in the TCA in Appendix H.

Component 5: institutional controls—Institutional controls include, but are not limited to, restrictions on the use of groundwater, cover maintenance requirements, excavation notification, soil reuse restrictions, and limitations on future use of property.

Detailed analysis of Alternative 4—

Long-term effectiveness and permanence—Alternative 4 would lower risk to potential receptors provided that the soil cover is maintained during future site use.

Reduction of toxicity, mobility, and volume through treatment—No reduction of toxicity, mobility, or volume through treatment would be achieved under Alternative 4 because no treatment would be implemented.

Short-term effectiveness—Alternative 4 would generate environmental impacts for the duration of construction. Construction impacts associated with this alternative can be mitigated by dust control and grading during construction to reduce risk to the surrounding community and on-site workers.

Implementability—Personnel and equipment to design and implement the proposed actions are readily available, and time to coordinate with stakeholders and to obtain the necessary permits can be built into the schedule. This alternative would require placement of cover soils over disjointed, irregularly shaped areas, which will cause localized changes in elevation, making Alternative 4 undesirable for reasons including property use, stormwater management, and long-term maintenance. Identification and field location of utilities and other features that may interfere with construction will also be required during the design process and before intrusive construction work begins. With these considerations, Alternative 4 is implementable.

Environmental impacts—The following environmental effects were estimated using SiteWise[™]:

- greenhouse gas emissions—26 metric tons

- water impacts—3,500 gallons
- NO_x emissions—0.0289 metric tons
- SO_x emissions—0.0162 metric tons
- PM₁₀ emissions—0.00145 metric tons
- total energy used—1,542 MMBTUs

Cost—The following costs for Alternative 4 were estimated via the TCA process:

- | | |
|---|-----------|
| • implementation: | \$505,900 |
| • operational, maintenance, and monitoring: | \$324,000 |
| • closure cost: | \$90,044 |
| • total cost: | \$919,943 |
| • net present value cost: | \$685,741 |

5.3.3.5 Alternative 5: Enhanced Bioremediation of Impacted Surface Soils, UST Removal, and Institutional Controls

Description of Alternative 5—

The *in situ* bioremediation technique proposed involves the *in situ* application of soil amendments (e.g., DARAMEND[®] organic amendment) and water to stimulate native organisms to biodegrade organic material. Alternative 5 consists of four major components: (1) bench-scale testing (2) removal of seven USTs, (3) enhanced bioremediation, and (4) implementation of institutional controls. Figure 4-1 illustrates the areas to be remediated for Alternative 5.

Component 1: bench-scale testing—To determine the appropriate dosage of soil amendment that will adequately treat the contaminated soil, a bench-scale test would be performed. Soil amendment would be added at a ratio of 2.5% to 100 tons of soil. The soil would be tilled using a specialized tiller, and water will be added to increase the soil moisture to 60% of the water holding capacity, thus promoting COC degradation. After treatment, soil would be sampled for COC and analyzed by an off-site laboratory. A second application of 0.5% may subsequently be required, depending on laboratory results. Results of the bench-scale test will be used to modify the design requirements/dosing for the full-scale enhanced bioremediation.

Component 2: UST removal—Figure 4-1 shows the locations of the seven USTs that would be removed under this alternative. All seven abandoned-in-place USTs, and their associated piping, plus soil contaminated with TPH-DRO and TPH-GRO concentrations greater than 230 mg/kg or VOC concentrations greater than MDE residential cleanup standards, would be removed as part of this alternative. As part of site preparation, a material handling pad, decontamination zones, and haul routes would be constructed to allow equipment to access the areas that need excavation; these areas will also be investigated for the presence of underground utilities and structures, if required. The USTs would be removed using a backhoe or similar equipment. Post-removal confirmation samples in the previously abandoned-in-place aviation fuel UST excavations would be collected from the sidewalls and base of each excavation and analyzed for TPH-DRO, TPH-GRO, and VOCs. Following excavation, and after post-removal confirmation sampling results confirm that remaining soil concentrations are less than 230 mg/kg for TPH-GRO and TPH-DRO and less than MDE residential cleanup standards for VOCs, the excavated areas would be backfilled and graded to original contours. The final surface restoration has not been determined at this time and the specific restoration method will be described in permitting and design documents that will follow this RAP. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Component 3: enhanced bioremediation—Soil amendments at the appropriate specific weight-percentage determined during the bench-scale testing would be added to soil in all treatment areas. Soil would be tilled using a specialized tiller, and water added to increase the soil moisture content to 60% of the water holding capacity. The soil would be mixed twice per week for the first three months, and once every week thereafter, to introduce oxygen into the soil to enhance the microbial process. Sampling would be conducted every 30 days to assess treatment progress and monitor pH. An estimated seven months would be required to treat soil in all treatment areas.

Adding an organic amendment would increase the total volume of soils treated by an estimated three percent. Some redistribution of treated soils would be necessary over areas larger than the original excavation areas. Pending MDE approval, some of the bioremediated soils could be used as backfill in the footprint of the UST removal area.

Component 4: institutional controls—Institutional controls include, but are not limited to, restrictions on the use of groundwater, cover maintenance requirements, excavation notification, soil reuse restrictions, and limitations on future use of property.

Detailed analysis of Alternative 5—

Long-term effectiveness and permanence—Alternative 5 would be effective, provided pilot testing verifies the viability of this method and identifies the appropriate dosage of additive needed to lower COC concentrations to the required concentrations. Significant uncertainty exists at this time regarding the success of this alternative.

Reduction of toxicity, mobility, and volume through treatment—Treatment implemented by Alternative 5 to reduce the mobility, toxicity, and volume of contaminants reduce COC concentrations through degradation; a soil sampling program would have to be implemented to monitor COC degradation. The volume of contaminated soil would be reduced in the areas addressed by bioremediation, even though the overall volume of material requiring handling would be increased by the addition of the organic treatment material. The treatment is not expected to affect the mobility of compounds remaining in soil.

Short-Term Effectiveness—Alternative 5 would require dust control and grading during construction to reduce risk of exposure to the surrounding community and on-site workers. The time to achieve risk-based RAO No. 1 cannot be estimated until the bench scale test is conducted.

Implementability—Personnel and equipment to design and implement the proposed actions are readily available and time to coordinate with stakeholders and to obtain the necessary permits can be built into the schedule. The viability of technology will have to be confirmed by a pilot study to identify the proper dosage of a soil amendment. Identification and field location of utilities and other features that may interfere with construction would also be required during the design process and before intrusive construction work begins. A soil sampling program would have to be implemented to monitor COC degradation. With these considerations, Alternative 5 is implementable.

Environmental impacts—The following environmental effects were estimated using SiteWise[™]:

- greenhouse gas emissions—37 metric tons

- water impacts—39,189 gallons
- NO_x emissions—0.0869 metric tons
- SO_x emissions—0.0321 metric tons
- PM₁₀ emissions—0.00463 metric tons
- total energy used—1,409 MMBTUs

Cost—The following costs for Alternative 5 were estimated via the TCA process:

- | | |
|---|-------------|
| • implementation: | \$712,509 |
| • operational, maintenance, and monitoring: | \$220,146 |
| • closure cost: | \$84,545 |
| • total cost: | \$1,017,200 |
| • net present value cost: | \$895,612 |

5.3.3.6 Alternative 6: *In situ* Stabilization of Impacted Soils to the Groundwater Table, UST Removal, and Institutional Controls

Description of Alternative 6—

Alternative 6 consists of four major components: (1) bench-scale test, (2) *in situ* soil stabilization (3) removal of seven USTs, and (4) implementation of institutional controls. Figure 4-1 illustrates the areas that would be remediated under Alternative 6.

Component 1: bench-scale testing—To determine the appropriate dosage of lime, cement or fly ash that would adequately stabilize the contaminated soil, a bench-scale test would be performed. Cement or fly ash would be mixed with the soils at a soil to cement ratio of 1:7. Water would be added to the soil at 10% by weight. After stabilization, treated soil will be sampled and analyzed for COC by an off-site laboratory. Results of the bench-scale test will be used to modify the design requirements/dosing for the full-scale soil stabilization.

Component 2: in situ soil stabilization—Lime, cement, or fly ash would be added to at the appropriate soil-to-additives weight ratio determined during the bench-scale test. Soil would be mixed using augers, resulting in a mass that will reduce the leachability and mobility of soil contaminants. Stabilized soils would be left in place. However, adding lime, cement, or fly ash will increase the total volume of treated soils by an estimated 13%. Therefore, redistribution of

treated soils over areas larger than the original treatment areas would be necessary. Pending MDE approval, some of the stabilized soils could be used as backfill in the UST removal area footprint.

Component 3: UST removal—Figure 4-1 shows the locations of the seven USTs that would be removed. All seven USTs previously abandoned-in-place, and their associated piping, and contaminated soil with TPH-DRO, TPH-GRO, or VOCs concentrations greater than MDE residential cleanup standards, would be removed as part of this alternative. As part of site preparation, a material handling pad, decontamination zones, and haul routes would be constructed to allow equipment to access the excavation areas; these areas will be investigated for the presence of underground utilities and structures, if required. The USTs would be removed using a backhoe or similar equipment. UST removal will be conducted under the oversight of a Baltimore County OCP inspector and in compliance with COMAR Title 26.10.

Post-removal confirmation samples in the previously abandoned-in-place aviation fuel UST excavations would be collected from the sidewalls and base of each excavation and analyzed for TPH-DRO, TPH-GRO, and VOCs. Following excavation, and after post-removal confirmation sampling results confirm that remaining soil concentrations are less than 230 mg/kg for TPH-GRO and TPH-DRO, and less than MDE residential cleanup standards for VOCs, the excavated areas would be backfilled with certified-clean material and graded to original contours. The final surface restoration has not been determined at this time and the specific restoration method will be described in permitting and design documents that will follow this RAP.

Component 4: institutional controls—Institutional controls include restrictions on the use of groundwater, cover maintenance requirements, excavation notification, soil reuse restrictions, and limitations on future use of property.

Detailed analysis of Alternative 6—

Long-term effectiveness and permanence—Alternative 6 binds COC in cement-like material which makes the chemicals less mobile and less bioavailable, but COC concentrations would not be decreased. The stabilized material could eventually degrade over time and COC could be remobilized in soil.

Reduction of toxicity, mobility, and volume through treatment—Alternative 6 would reduce the mobility of contaminants by binding COC in cement-like material. The stabilized material could eventually degrade over time, enabling COC re-mobilization to some degree. The overall volume of material requiring handling would be increased by adding lime, cement or fly ash stabilizers.

Short-term effectiveness—Implementation of Alternative 6 would take two years to achieve risk-based Soil RAO No. 1 because of the large amount of soil that requires stabilization. Significant construction operations would be required for implementation, but negative effects can be mitigated with engineering controls.

Implementability—Personnel and equipment to design and implement the proposed actions are readily available, and time to coordinate with stakeholders and to obtain the necessary permits can be built into the schedule. The viability of technology would have to be ascertained by a bench-scale study to identify the proper dosage of soil amendment. Identification and field location of utilities and other features that may interfere with construction will also be required during the design process and before intrusive construction work begins. Soil sampling will be necessary to establish the level of soil stabilization. With these considerations, Alternative 6 is implementable.

Environmental impacts—The following environmental effects were estimated using SiteWise™:

- greenhouse gas emissions—172 metric tons
- water impacts—8,415 gallons
- NO_x emissions—0.0352 metric tons
- SO_x emissions—0.0253 metric tons
- PM₁₀ emissions—0.00578 metric tons
- total energy used—4,597 MMBTUs

Cost—The following costs for Alternative 6 were estimated via the TCA process:

- | | |
|---|-----------|
| • implementation: | \$819,577 |
| • operational, maintenance, and monitoring: | \$162,000 |
| • closure cost: | \$97,249 |

-
- total cost: \$1,078,826
 - net present value cost: \$958,308

5.4 COMPARATIVE ANALYSIS OF ALTERNATIVES AND PROPOSED ALTERNATIVE

The six soil remedial-action alternatives to remedy soils in Block F were compared qualitatively and quantitatively. Both types of analysis use the same evaluation criteria described in previous sections. This evaluation does not directly consider state acceptance or community acceptance criteria; these will be evaluated through input from the community and MDE following submittal of this RAP.

A multi-criteria comparative decision-analysis tool was used to quantitatively screen the potential alternatives. This method is useful because criteria such as environmental benefits, impacts, risk, economics, and stakeholder participation cannot be easily condensed into simple evaluation matrices. Other benefits associated with using a multi-parameter analysis tool include having the decision criteria for remedy selection, the weighting of each criterion considered, and the score that is applied to each remedial alternative clearly defined and readily available for review. In addition sensitivity analysis to explore the robustness of alternative rankings and the criteria that are most important in the ranking determination is easily accomplished.

In this RAP, the multi-parameter analysis tool *Criterion[®] DecisionPlus[®]* (CDP) was used to evaluate and rank the remedial alternatives for Block F. CDP is a decision analysis tool that uses decision-making techniques such as the analytical hierarchy process, the Multi-Attribute Utility Theory, and the simple multi-attribute rating technique that is incorporated into the tool (InfoHarvest, 2001). To build the decision hierarchy and incorporate all the decision factors, each NCP evaluation criterion is represented by one or more individual metrics. To account for these metrics, up to three levels of evaluation criteria were established:

- Level 1 criteria are the major balancing and modifying criteria
- Level 2 criteria have factors considered in the evaluation of Level 1 criteria
- Level 3 has further subcomponents with which to evaluate the Level 2 criteria

The results of the CDP screening are in Appendix I. Table 5-9 summarizes the quantitative CDP analysis. Table 5-10 summarizes the weightings, rankings, and results of the CDP analysis. Higher scores indicate that the alternative is more highly ranked in that category.

All six alternatives evaluated meet the threshold criteria equally well; therefore, the six balancing criteria were used to differentiate between alternatives and determine the preferred alternative:

- *Long-term effectiveness and permanence*—Alternative 3 ranks highest in this category because the groundwater table at this site is approximately two feet below ground surface and Alternative 3 excavates soil to a depth of two feet. This alternative would be very effective in eliminating risk in soil above the groundwater table.
- *Short-term effectiveness*—Alternative 2 ranks highest in this category because this alternative would achieve RAO No. 1 in the shortest amount of time, but this alternative fails to meet RAO No. 2.
- *Reduction of toxicity, mobility, or volume by treatment*—Alternative 5 ranks highest in this category, because it is the only alternative that would both treat and degrade COC.
- *Implementability*—Alternative 2 ranks highest in this category, followed by Alternative 3.
- *Environmental impacts*—Alternatives with no corrective action (Alternatives 1 and 2) rank highest in this category because no corrective action would be taken; therefore, no impacts to the environment would occur.
- *Cost*—Alternatives with no corrective action (Alternatives 1 and 2) rank highest (i.e., had the lowest cost) in this category.

The overall CDP scoring of the various alternatives resulted in Alternative 3 achieving the highest ranking. The CDP scoring is as follows (higher scores indicate that the alternative is more highly ranked):

- Alternative 1—0.415
- Alternative 2—0.543
- Alternative 3—0.609
- Alternative 4—0.549
- Alternative 5—0.564
- Alternative 6—0.564

In the quantitative analysis, Alternative 3 ranked highest for several reasons. Most importantly, it ranked the highest for long-term effectiveness of reducing risk to human health and the environment. The relatively short period required for active remediation to meet project goals is another advantage. In the final comparison of the top three alternatives (Alternatives 3, 5, and 6), Alternative 3 ranked highest because it will reach RAO No. 1 two to three years sooner than would Alternative 5, and Alternative 3 is more adaptable and easier to modify than Alternative 6. Thus, Alternative 3 was selected as the proposed soil remedial action at Block F, based on both the qualitative and quantitative analyses.

Table 5-1

**Chemical-Specific Applicable or Relevant and Appropriate Requirements and To Be Considered Guidance
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
State				
Cleanup Standards for Soil and Groundwater	Maryland Annotated Code 7-508	To be considered	This guidance document presents the approach and supporting documentation used to develop numeric cleanup standards for hazardous substances in soil and groundwater in the State of Maryland.	These non-promulgated standards may be considered for use in determining cleanup goals for soil in the absence of site-specific risk-based criteria.

Table 5-2

**Location-Specific Applicable and Relevant and Appropriate Requirements
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex,
Middle River, Maryland**

Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
Federal				
Endangered Species Act Regulations	50 CFR Parts 81, 225, and 402	Potentially Applicable	This act requires federal agencies to take action to avoid jeopardizing the continued existence of federally listed endangered or threatened species.	If a site investigation or remediation could potentially affect an endangered species or their habitat, these regulations would apply (There have been no endangered species or their habitat identified at the MRC.)
Historic Sites Act Regulations	36 CFR Part 62	Potentially Applicable	Requires federal agencies to consider to existence and location of landmarks on the National Registry of Natural Landmarks to avoid undesirable impacts on such landmarks.	The existence of national landmarks will be identified prior to remedial activities on site including remedial investigations (No national landmarks have been identified at the MRC.)
State				
Nongame and Endangered Species Conservation Act	Annotated Code of Maryland 10-2A-01; COMAR 08.03.08 and 08.02.12.	Potentially Applicable	Requires State agencies to use their authority to maintain and enhance nongame wildlife and endangered species populations.	If a site investigation or remediation could potentially affect an endangered species or their habitat, these regulations would apply (No endangered species or habitats have been identified at the MRC.)
Division of Historical and Cultural Programs	Annotated Code of Maryland 5A	Potentially Applicable	The Maryland Historic Trust formed in 1961 to preserve, protect, and enhance districts, sites, buildings, structures, and objects significant in the prehistory, history, upland and underwater archeology, architecture, engineering, and culture of the State.	The existence of Maryland historic sites would be identified prior to remedial activities on site including remedial investigations (No historic sites have been identified at the MRC.)

COMAR Code of Maryland Regulations
CFR Code of Federal Regulations

MRC Middle River Complex

Table 5-3
Action-Specific Applicable or Relevant and Appropriate Requirements
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
Federal				
RCRA Regulations, Identification and Listing of Hazardous Wastes	40 CFR Part 261	Potentially applicable	Defines the listed and characteristic hazardous wastes subject to RCRA. Appendix II contains the TCLP.	These regulations would apply when determining whether or not a solid waste is hazardous, either by being listed or by exhibiting a hazardous characteristic, as described in the regulations.
CAA Regulations, NAAQSs	40 CFR Part 50	Potentially applicable	Establishes primary (health-based) and secondary (welfare-based) air quality standards for carbon monoxide, lead, nitrogen dioxide, particulate matter, ozone, and sulfur oxides emitted from a major source of air emissions. The NAAQSs form the basis for all regulations promulgated under the CAA. However, the NAAQSs themselves are non-enforceable and are not ARARs themselves.	Site remediation activities must comply with NAAQSs. The principal application of these standards is during response action activities resulting in exposures through dust and vapors. In general, emissions from CERCLA activities are not expected to qualify as a major source and are therefore not expected to be applicable requirements. However, the requirements may be determined to be relevant and appropriate for non-major sources with significantly similar emissions.
RCRA Regulations, LDRs	40 CFR Part 268	Potentially applicable	This regulation prohibits the land disposal of untreated hazardous wastes and provides criteria for the treatment of hazardous waste prior to land disposal.	Response actions that involve excavating, treating, and redepositing hazardous soil would comply with LDRs. However, consolidation of contaminated soil within Block F for the purposes of reducing the size of the contaminated area may not constitute land disposal.
OSHA Regulations, General Industry Standards	29 CFR Part 1910	Applicable	Requires establishment of programs to assure worker health and safety at hazardous waste sites, including employee training requirements.	These regulations would apply to all response activities.
OSHA Regulations, Occupational Health and Safety Regulations	29 CFR Part 1910, Subpart Z	Potentially applicable	Establishes permissible exposure limits for workplace exposure to a specific listing of chemicals.	Standards are applicable for worker exposure to OSHA hazardous chemicals during response action activities.

Table 5-3
Action-Specific Applicable or Relevant and Appropriate Requirements
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
Federal (continued)				
OSHA Regulations, Recordkeeping, Reporting, and Related Regulations	29 CFR Part 1904	Applicable	Provides recordkeeping and reporting requirements applicable to response action activities.	These requirements apply to all site contractors and subcontractors and must be followed during all site work.
OSHA Regulations, Health and Safety Standards	29 CFR Part 1926	Applicable	Specifies the type of safety training, equipment, and procedures to be used during the site investigation and response action.	All phases of the response action would be executed in compliance with this regulation.
RCRA Regulations, Contingency Plan and Emergency Procedures	40 CFR 264, Subpart D	Potentially relevant and appropriate	Outlines requirements for emergency procedures to be followed in case of an emergency.	The administrative requirements established in this rule would be met for response actions involving the management of hazardous waste.
RCRA Regulations, Preparedness and Prevention	40 CFR Part 264, Subpart C	Potentially relevant and appropriate	Outlines requirements for safety equipment and spill control for hazardous waste facilities. Facilities must be designed, maintained, constructed, and operated to minimize the possibility of an unplanned release that could threaten human health or the environment.	Safety and communication equipment would be incorporated into all aspects of the response action process, and local authorities would be familiarized with site operations.
RCRA Regulations, Standards for Owners and Operators of Hazardous Waste TSDFs.	40 CFR Part 264	Potentially relevant and appropriate	Establishes minimum national standards defining the acceptable management of hazardous wastes for owners and operators of facilities that treat, store, or dispose of hazardous wastes.	If response actions involving management of RCRA wastes at an off-site TSDF, or if RCRA wastes are managed on-site, the requirements of this rule would be followed.
RCRA Regulations, Use and Management of Containers	40 CFR Part 264, Subpart I	Potentially relevant and appropriate	Sets standards for the storage of containers of hazardous waste.	This requirement would apply if a response action alternative involves the storage of a hazardous waste (i.e., contaminated soil) in containers prior to treatment or disposal.
Migratory Bird Treaty Act	16 USC 703-711	Potentially applicable	Protects migratory birds and their nests.	Proposed response action will not kill migratory birds or destroy their nests and eggs.

Table 5-3
Action-Specific Applicable or Relevant and Appropriate Requirements
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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Requirement	Citation	Status	Synopsis	Evaluation/Action to be Taken
State				
Maryland Hazardous Waste Management System	Title 26, Subtitle 13 of the COMAR	Potentially applicable	Requires hazardous waste generators to ship their hazardous waste to a facility permitted to accept it or, with the appropriate permits, treat it themselves. Requires use of a certified hauler to ship hazardous waste off site, and shipment must be accompanied by a manifest. Requires compliance with regulations for the storage of the waste, and specifies procedures to prevent the occurrence of circumstances that would threaten human health or the environment.	These regulations would apply if waste on site was deemed hazardous and needed to be stored, transported, or disposed of properly.
Maryland Regulation of Water Supply, Sewage Disposal, and Solid Waste	Title 26, Subtitle 4 of the COMAR	Potentially applicable	Sets the requirements for construction and operation for solid waste disposal facilities.	These requirements would apply if on-site waste was deemed non-hazardous solid waste and needed to be stored, transported, or disposed of properly.
Maryland General Permit for Construction Activity	Title 26, Subtitle 17 of the COMAR	Relevant and appropriate	Establishes requirements for stormwater management and erosion and sediment control at construction sites.	Response actions involving excavation would require submittal of an erosion and sediment control plan and a stormwater management plan.

ARARs – applicable or relevant and appropriate requirements

CAA – Clean Air Act

CERCLA – Comprehensive Environmental Response Compensation, and Liability Act

CFR – Code of Federal Regulations

COMAR – Code of Maryland Regulations

LDRs – land disposal restrictions

MDE – Maryland Department of the Environment

NAAQS – National Ambient Air Quality Standards

OSHA – Occupational Safety and Health Act

RCRA – Resource Conservation and Recovery Act

TCLP – toxicity characteristic leaching procedure

TSDF – treatment, storage, and disposal facility

USC – United States Code

Table 5-4

**Remedial Action Objectives and General Response Actions
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Remedial Action Objectives	General Response Actions				
	No Action	Institutional Controls	Containment	Treatment – <i>In situ</i> or <i>Ex situ</i>	Removal and Disposal (off-site)
Reduce site related COC in Block F soils to 1×10^{-5} human health cancer risk limits for industrial workers exposed to COC via ingestion, dermal contact and inhalation.			X	X	X
Excavation and offsite recycling or disposal of seven abandoned-in-place former aviation fuel USTs at REC #5 in accordance with Maryland Oil Control Program Guidance and COMAR 26.10. "Oil Pollution and Tank Management" to obtain a clean closure in REC #5 under a residential use scenario					X

COC - chemical(s) of concern

COMAR - Code of Maryland Annotated Regulations

HI - hazard index

REC - recognized environmental concern

UST - underground storage tank

Table 5-5

Results of Preliminary Technology Screening
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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General Remedial Action	Remedial Action Technology	Process Option	Description	Quantitative Screening Based on Criteria Below					Results		
				Effectiveness (Primary)			Implementability	Relative Cost			
				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability			Screening Comment	Retain	Reject
No action	None	Not applicable	No activities conducted in the block to address contamination	Not applicable	Not applicable	Not reliable	Easy to implement	Low cost	Required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); retained for baseline comparison to other technologies.	✓	
Limited action	Land use controls	Site use restrictions Excavation restrictions	Administrative action using excavation permits and other land use prohibitions to restrict future site activities	Effective	No impacts during implementation	Reliable provided land use restrictions and, excavation restrictions are well documented and implemented.	Easy to implement	Low cost	This technology would leave soil contaminants in place but will lower risk, and will meet response action objectives (RAOs).	✓	
Containment	Cover/barrier	Soil cover/cap that meets MDE regulations (COMAR 26.04.07.21)	Low permeability barriers used to minimize direct exposure to contaminants and prevents sediment runoff.	Effective in containing and covering impacted soils	Large quantities of soil have to be transported to the block.	Reliable	Easily implementable	Moderate cost	Cover/cap can be placed over the impacted soils.	✓	
Removal	Excavation	Traditional excavation (with backhoe)	Removal of contaminated soils by backhoe, bulldozer, loader, etc.	Very effective in eliminating future risk and eliminating future exposure pathway	Large quantities of impacted soils have to be transported to the disposal facility.	Reliable	Easily implementable with traditional equipment. Depending on depth of excavation, may require dewatering of excavation and associated treatment of groundwater.	High. potential for large escalations in cost if area is not thoroughly characterized to ascertain impacted soil volumes.	Retained for removal of contaminated soil.	✓	

Table 5-5

**Results of Preliminary Technology Screening
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
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General Remedial Action	Remedial Action Technology	Process Option	Description	Quantitative Screening Based on Criteria Below					Results		
				Effectiveness (Primary)			Implementability	Relative Cost			
				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability			Screening Comment	Retain	Reject
In situ treatment	Physical/chemical	Stabilization/solidification	Mixing of chemical agents in the soil to chemically bind, solidify, and reduce contaminant mobility	Well understood technology; can be used in areas with target inorganic concentrations and PAHs	Large quantities of soils have to be processed. Large quantities of stabilizing agents such as cement may have to be transported to the site.	Reliable; will require bench-scale and possibly pilot testing to ascertain mix.	Implementable with traditional equipment	Moderate cost	Retained	✓	
		Soil mixing with zero valent iron (ZVI) or emulsified nano ZVI	ZVI has been used in the permeable reactive barrier (PRB) to treat halogenated compounds and heavy metals. Nano-scale ZVI was developed to further enhance its effectiveness and the clean-up time. This technology involves mixing soil with nano-scale ZVI and an environmentally benign (food grade) surfactant or emulsifier such as vegetable oil.	This technology is potentially applicable to VOCs such as TCE; its applicability to PAHs unknown..	Large quantities of soils have to be processed. Large quantities of ZVI may have to be transported to the site.	Remediation with ZVI is an emerging technology.	Requires a bench-scale and/or a pilot-scale test prior to implementation	High cost	Rejected; has never been used to treat PAHs.		✓
		Soil flushing	In situ flushing is accomplished by passing the extraction fluid (e.g., surfactants) through in-place soils using an injection or infiltration process. Extraction fluids must be recovered, treated, and possibly recycled.	This technology can be used to extract inorganics in soils; therefore it is ineffective for this remedial action.	Large quantities of soils have to be processed. A large quantity of surfactant may have to be transported to the site, and large volumes of extraction fluid have to be recovered.	There has been little commercial success with this technology. Not reliable since it mobilizes contaminants and the extraction fluid has to be recovered to recover COC.	Requires a bench-scale and/or a pilot-scale testing prior to implementation	High cost	Rejected – This technology has had little commercial success; technology is not reliable because it mobilizes contaminants and the extraction fluid has to be recovered to recover COC, not effective for PAHs.		✓
		Soil vapor extraction (SVE)	Vacuum is applied through vapor extraction wells to create a pressure gradient that induces gas-phase volatiles to diffuse through soil to extraction wells. This process must include a system for handling off-gases.	This technology is typically applicable to VOCs and not PAHs because PAHs are not present in a vapor phase.	No major impacts. Will require installation of SVE wells.	Not effective for PAHs	Can be easily implemented	Moderate cost	Rejected; not effective for PAHs.		✓
	Biological	Enhanced bioremediation/ Landfarming	Nutrients and amendments are added to the soil to promote biodegradation of organic compounds.	Should land farming or similar technology be used, it will be effective in only the top 2 to 3 feet.	Bioremediation will take a long time to implement.	Reliable.	Easily implementable with standard construction techniques	Low to moderate cost	Retained	✓	

Table 5-5

**Results of Preliminary Technology Screening
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
Page 3 of 4**

General Remedial Action	Remedial Action Technology	Process Option	Description	Quantitative Screening Based on Criteria Below					Results		
				Effectiveness (Primary)			Implementability	Relative Cost			
				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability			Screening Comment	Retain	Reject
In situ treatment (continued)	Biological (continued)	Bioventing	Oxygen is delivered to contaminated unsaturated soils by forced aeration (either extraction or injection of air) to increase oxygen concentrations and stimulate biodegradation. In contrast to soil vapor extraction, bioventing uses low air flow so as to provide only enough oxygen to sustain microbial activity.	Bioventing is an <i>in situ</i> technology that degrades compounds in soil by providing oxygen to existing soil microorganisms. . Soil grain size and moisture content significantly affect its performance. Site geology indicates presence of some clayey soils, which reduce bioventing performance significantly.	Bioremediation will take a long time to implement.	May not be effective due to site geology.	Easily implementable with standard construction techniques	Low to moderate cost	Rejected; site geology indicates the presense of some fine grain soils which would reduce bioventing performance.		✓
		Phytoremediation	Use of selected plants cultivated in contaminated soil for uptake of metallic contaminants, or enhancement of organic contaminant biodegradation by indigenous microorganisms in the root zone	Is effective only on soils that are in the root zone of plants that are used for phytoremediation	Phytoremediation will take a long time to implement.	Will require plant screening studies to assess effectiveness	Moderately implemetable; use of the block may have to be discontinued in the areas requiring treatment	Low to moderate cost	Retained.	✓	
Ex situ treatment	Physical/chemical	Chemical Fixation/ Stabilization/ Solidification	Mixing of chemical agents to bind, solidify, and reduce contaminant mobility.	Well understood technology; can be utilized in areas with target PAHs	Large quantities of soils have to be processed and may require onsite relocation or transported offsite.	Reliable	Easily implementable with traditional construction techniques	Moderate to high cost	Rejected – <i>ex situ</i> option is more expensive than <i>in situ</i> option.		✓
	Biological	Biopiles	Excavated soils are mixed with soil amendments and placed on a lined treatment area that includes leachate collection and aeration. This technology is used to treat organic contaminants in excavated soils through biodegradation. Moisture, heat, nutrient, oxygen, and pH need to be controlled. The designated treatment area will be covered or contained with an impermeable liner to minimize runoff and leaching contaminants into groundwater or other uncontaminated areas. Soil piles can be up to 20 feet high with an air distribution system buried under the soil piles.	Biopile technology has been used for treatment of halogenated and non-halogenated VOCs, SVOCs, and pesticides. However, its performance varies significantly at sites. A bench-scale and a pilot-scale test should be conducted to determine the biodegradability of COC at the site.	Substantial space may be required. Bioremediation will take a long time to implement.	Reliability has to be assessed through bench-scale testing. PAHs are comparatively slow to biodegrade.	Easily implementable with standard construction techniques	Moderate cost	Rejected; this process option would take a significantly large amount of time to reach remedial action objectives. Other process options would be as effective and require a shorter amount of time.		✓

Table 5-5

Results of Preliminary Technology Screening
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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General Remedial Action	Remedial Action Technology	Process Option	Description	Quantitative Screening Based on Criteria Below					Results		
				Effectiveness (Primary)			Implementability	Relative Cost			
				Effectiveness in Handling Volumes of Impacted Media	Impacts during Implementation	Reliability			Screening Comment	Retain	Reject
Ex situ treatment (continued)	Biological (continued)	Composting	Composting is a biological process to convert organic contaminants to innocuous end products. Typically, thermophilic conditions (i.e., 54 to 65 degrees Celsius) must be maintained. Soils are excavated and mixed with bulking agents such as wood chips and mixed to promote biodegradation.	Composting results in a volumetric increase because of the addition of amendment materials. Composting has been demonstrated to degrade many organic contaminants in soils, including PAHs. All materials and equipment used for composting are readily available.	Similar to biopiles, windrow composting requires substantial space. Bioremediation will take a long time to implement.	Reliability has to be assessed through bench-scale testing. PAHs are comparatively slow to biodegrade.	Easily implementable with standard construction techniques	Moderate cost	Retained, however this process option would take a significantly large amount of time to reach remedial action objectives. Other process options would be as effective and require a shorter amount of time.		✓
Disposal	Off-site	Hazardous waste landfilling/ non-hazardous waste landfilling/ recycling	Disposal of excavated wastes and treatment residuals in a permitted RCRA Subtitle C or D facility, or at a permitted recycling facility	Very effective in eliminating future risk and eliminating future exposure pathways, provided all areas with impacted soils have been identified.	Large quantities of soil have to be transported.	Reliable	Easily implementable with traditional technology – Has to be used in conjunction with excavation and removal	High cost	Retained landfilling or recycling, to be used in conjunction with other response action technologies	✓	
	On-site	Consolidation	Excavation and relocation of contaminated soil to minimize space and closure requirements	Effective in eliminating future risk and eliminating future exposure pathways, provided all areas with impacted soils have been identified.	No area within MRC has been identified for relocation of impacted soils.	Reliable	Technology can be implemented provided it is used in conjunction with ex situ stabilization and placement of a cover/cap over the impacted soils. .	High cost	Rejected; no area at Middle River Complex has been identified for consolidation.		✓

Abbreviations:

COC – chemicals of concern
COMAR – Code of Maryland Regulations
MDE – Maryland Department of the Environment
MRC – Middle River Complex

PAHs – polycyclic aromatic hydrocarbons
PRB – permeable reactive barrier
RCRA – Resource Conservation and Recovery Act
SVE – soil vapor extraction

SVOCs – semivolatile organic compounds
TCE – trichloroethene
VOCs – volatile organic compounds
ZVI – zero valent iron

Table 5-6

**Technologies and Process Options for Soil Remedial Actions
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

General Response Action	Remedial Action Technology	Process Option
No Action	None	Not applicable
Limited Action	Land Use Controls	Site use restrictions
		Excavation restrictions
Containment	Cover/Barrier	Soil cover/cap that meets MDE regulations (COMAR 26.04.07.21)
Removal	Excavation	Traditional excavation (with backhoe)
<i>In situ</i> Treatment	Physical/Chemical	Stabilization/solidification
<i>In situ</i> Treatment	Biological	Enhanced bioremediation/landfarming
<i>In situ</i> Treatment	Biological	Phytoremediation
Disposal	Off-Site	Hazardous waste landfilling/non-hazardous waste landfilling /recycling

COMAR - Code of Maryland Regulations

MDE - Maryland Department of the Environment

Table 5-7

**Development of Remedial Alternatives
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Remedial Action Objectives / Risk Pathways		Alternatives						
		1	2	3	4	5	6	7
		No Action	Institutional Controls	Excavation and off-site disposal of impacted to a depth of two and a half feet, underground storage tank (UST) removal, and institutional controls	Soil cover over impacted areas, UST removal, and institutional controls	Enhanced bioremediation of impacted surface soils, UST removal, and institutional controls	<i>In situ</i> stabilization of impacted soils to the groundwater table, UST removal, and institutional controls	Phytoremediation in impacted areas, UST removal, and institutional controls
Remedial Action Objective	Risk Pathway/ Compliance with Oil Control Program Regulations	No Action	Institutional Controls	Excavation and off-site disposal of impacted to a depth of two and a half feet, underground storage tank (UST) removal, and institutional controls	Soil cover over impacted areas, UST removal, and institutional controls	Enhanced bioremediation of impacted surface soils, UST removal, and institutional controls	<i>In situ</i> stabilization of impacted soils to the groundwater table, UST removal, and institutional controls	Phytoremediation in impacted areas, UST removal, and institutional controls
Reduce site-related COC in Block F soils to a 1×10^{-5} human health cancer-risk limit for industrial workers exposed to COC via ingestion, dermal contact, and inhalation	Ingestion, inhalation, and dermal contact	Not Applicable	<p>Risk pathway is mitigated via:</p> <ul style="list-style-type: none"> land use restrictions excavation restrictions access controls <p>Requires use of appropriate personal protective equipment and health and safety measures</p>	<p>Risk pathway is eliminated via excavation and disposal of soils to the water table.</p> <p>Institutional controls will mitigate risk associated with saturated soils (see description in Alternative 2).</p>	<p>Risk pathway is mitigated via placement of a cover/ cap.</p> <p>Institution controls are required for maintenance of cover/cap.</p>	<p>Risk pathway is mitigated via treatment of surface soils.</p> <p>Institutional controls will mitigate risk associated with soils at depths > 2 feet (see description in Alternative 2).</p>	<p>Risk pathway is mitigated via stabilization of soils down to the water table.</p> <p>Institutional controls will mitigate risk associated with saturated soils (see description in Alternative 2).</p>	While the phytoremediation technology may be promising, inconsistencies in the rooting system cannot guarantee the RAO will be met in the impacted areas; therefore, it is uncertain that the risk pathway will be mitigated in the implementation of this alternative.
Excavation and offsite recycling or disposal of abandoned-in-place former aviation fuel underground storage tanks (USTs) at REC #5 in accordance with Maryland Oil Control Program Guidance and COMAR 26.10 "Oil Pollution and Tank Management" to obtain a clean closure in REC #5 under a residential use scenario	Compliance with OCP Regulations	Not Applicable	Not in compliance with OCP regulations	In compliance with OCP regulations by removing USTs	In compliance with OCP regulations by removing USTs	In compliance with OCP regulations by removing USTs	In compliance with OCP regulations by removing USTs	In compliance with OCP regulations by removing USTs

Table 5-8

**Ranking of Alternatives Based on Preliminary Screening
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland**

Ranking	Alternative	Retained?
1	Alternative 2: Institutional controls	yes
2	Alternative 3. Excavation and off-site disposal of impacted soils to a depth of two feet, removal of underground storage tanks (USTs), and institutional controls	yes
3	Alternative 6. <i>In situ</i> stabilization of impacted soils to the groundwater table, UST removal, and institutional controls	yes
4	Alternative 5. Enhanced bioremediation of impacted surface soils , UST removal, and institutional controls	yes
5	Alternative 4. Limited excavation and soil cover over impacted areas, UST removal, and institutional controls	yes
6	Alternative 7. Phytoremediation in impacted areas, UST removal, and institutional controls	no
7	No action	yes, retained for comparison

Table 5-9

Comparative Analysis of Alternatives
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
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Evaluation Criteria	Evaluation Sub-Criteria	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
Long-term effectiveness and permanence	Residual potential long-term effectiveness and risk (assuming remedy failure)	Does not alter risk	Does not alter risk should institutional controls fail	Very effective in eliminating risk	Lowers risk provided cover is maintained during future site use	Alternative is effective for top two feet (surface) soils provided landfarming can lower COC concentrations to the required degree.	Alternative does not lower concentrations. Stabilized material could eventually degrade.
	Technology reliability	Very unreliable	Reliable to the extent institutional controls are effective	Reliable technology	Reliable technology provided soil cover is maintained	Reliability of technology to be ascertained by pilot testing	Reliable technology- Stabilized material could degrade over time. Site reliability to be determined by pilot testing
Reduction of toxicity, mobility, and volume through treatment	Destruction of hazardous constituents	No COC destruction	No COC destruction	No COC destruction, only removal and relocation to off-site landfill	No COC destruction	Some destruction of constituents through degradation.	No COC destruction, only stabilization
	Irreversibility of treatment	No treatment	No treatment	Treatment is completely irreversible since impacted soils are removed.	Treatment can be reversed due to erosion or loss of soil cover.	Requires pilot testing	Stabilized soils could eventually degrade.

Table 5-9

**Comparative Analysis of Alternatives
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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Evaluation Criteria	Evaluation Sub-Criteria	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
Short-term effectiveness	Time to achieve RAOs	Very long timeframe	Very long timeframe	Will require a long duration since large volumes of soil are to be removed (2 years).	Will require long duration for the installation of soil covers (1 year).	To be ascertained with a pilot test (about 4 or 5 years)	Will likely take 2 years to implement
	Un-mitigable adverse impacts during construction and OM&M	None	None	Will require dust control, air monitoring, sidewall protection, and possibly dewatering.	Grading and dust control will be required.	Will require dust control	Possible degradation of stabilized material over time
Implementability	Obtaining other approvals	It is unlikely this alternative will get the required approvals.	No additional approvals needed	Will require: critical area permits, sediment erosion control permits, air monitoring during remedial action implementation, groundwater disposal permits, treatment/disposal facility requirements.	Will require critical area permits, sediment and erosion control (SEC) permits, and air monitoring during remedial action implementation.	Will require: critical area permits, SEC permits, air monitoring during remedial action implementation.	Will require: critical area permits SEC permits air monitoring during remedial action implementation.

Table 5-9

**Comparative Analysis of Alternatives
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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Evaluation Criteria	Evaluation Sub-Criteria	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
Implementability (continued)	Constructability	Easily constructed	Easily constructed	Very involved; requires shoring, dewatering, treatment, and disposal of large soil volumes. Can be implemented using standard construction techniques.	Difficult to implement over large areas that are not contiguous.	Can be constructed with standard equipment and machinery for tilling and application of amendments	Can be constructed with standard equipment and techniques.
	Availability of experts and technology	Does not require any expertise	Expertise is available.	Expertise and technology are readily available.	Expertise and technology are readily available.	Expertise and technology are available. Technology viability can be ascertained by pilot testing.	Expertise and technology are readily available.
	Adaptability to modify/ update as necessary	Alternative can be modified as required.	Alternative can be modified as required.	Alternative can be modified as required.	Alternative can be modified as required.	Cannot be modified, since the limits of COC degradation will dictate the final concentration.	Alternative can be modified as required.
	Effectiveness of monitoring	No monitoring; very ineffective	Monitoring must be incorporated with ICs.	Removal of impacted soils can be ascertained by sampling.	Monitoring of soil cover will ascertain removal of exposure pathway.	Degradation of COC in impacted soils can be ascertained by sampling.	Sampling will ascertain level of stabilization of soils.
Environmental	Energy use	No energy usage	No energy usage	Largest amount of energy used compared to other alternatives	Less than half the amount of energy used for Alternative 3	Less than half the amount of energy used for Alternative 3	Second largest amount of energy used compared to other alternatives

Table 5-9

Comparative Analysis of Alternatives
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
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Evaluation Criteria	Evaluation Sub-Criteria	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
Environmental (continued)	Air emissions	No emissions	No emissions	Large quantities of emissions during excavation; transportation of impacted soils to disposal facilities; transportation of clean fill to the site.	Small quantities of emissions during transportation of soils to site for cover.	Large quantity of emissions during the production of the bioamendment and during the use of equipment during implementation of this alternative	Small quantity of emissions during the use of equipment during the implementation of this alternative
	Impacts on water resources	No impacts	No impacts	Requires water for dust control	Requires water for dust control	Requires water for dust control and to increase the soil moisture content to 60%	Requires water for mixing soils and stabilizing agents
Costs	Capital	\$0	\$139,155	\$958,946	\$595,944	\$797,054	\$916,826
	O&M	\$0	\$162,000	\$162,000	\$324,000	\$220,146	\$162,000

COC - chemicals of concern

O&M - operation and maintenance

RAOs - remedial action objectives

ICs - institutional controls

OM&M- operation, maintenance, and monitoring

SEC - sediment and erosion control

Alternative 1: No Action

Alternative 2: Institutional Controls

Alternative 3: Excavation and off-site disposal of impacted soils to a depth of two feet, removal of underground storage tanks (USTs), and institutional controls

Alternative 4: Limited excavation and soil cover over impacted areas, UST removal, and institutional controls

Alternative 5: Enhanced bioremediation of impacted surface soils, UST removal, and institutional controls

Alternative 6: *In situ* stabilization of impacted soils to the groundwater table, UST removal, and institutional controls

Table 5-10

Criteria Weighting and Ranking
Block F Soil Remedial Action Plan
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Weighting						Ranking						
Weight	Criteria	Weight	Sub-Criteria 1	Weight	Sub-Criteria 2	Criteria/ Sub-Criteria	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
100	Long-term effectiveness and permanence	50	Residual potential risk			Residual potential risk	0.00	3.00	9.00	5.00	6.00	6.00
		100	Technology reliability			Technology reliability	0.00	7.00	10.00	9.00	6.00	6.00
50	Reduction of toxicity, mobility and volume through treatment	50	Destruction of hazardous constituents			Destruction of hazardous constituents	0.00	0.00	0.00	0.00	7.00	7.00
		50	Irreversibility of treatment			Irreversibility of treatment	0.00	0.00	9.00	5.00	8.00	5.00
50	Short-term effectiveness	50	Time to achieve RAOs			Time to achieve RAOs	0.00	10.00	8.00	9.00	4.00	8.00
		75	Un-mitigable adverse impacts	100	Protect community	Protect community	10.00	10.00	3.00	7.00	7.00	8.00
				75	Protect construction workers	Protect construction workers	10.00	10.00	1.00	5.00	7.00	7.00
				50	Minimize environmental impacts	Minimize environmental impacts	10.00	10.00	1.00	5.00	7.00	7.00

Table 5-10

Criteria Weighting and Ranking
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
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Weighting						Ranking						
Weight	Criteria	Weight	Sub-Criteria 1	Weight	Sub-Criteria 2	Criteria/ Sub-Criteria	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
100	Implementability	75	Obtaining other approvals			Obtaining other approvals	10.00	8.00	6.00	3.00	6.00	7.00
		50	Constructability			Constructability	10.00	10.00	5.00	3.00	7.00	7.00
100	Implementability (continued)	50	Availability of experts and technology			Availability of experts and technology	10.00	10.00	9.00	10.00	5.00	5.00
		25	Adaptability to modify/update			Adaptability to modify/update	10.00	10.00	8.00	4.00	7.00	7.00
		75	Effectiveness of monitoring			Effectiveness of monitoring	0.00	2.00	8.00	4.00	6.00	6.00
50	Environmental	75	Energy use			Energy use	10.00	10.00	1.96	6.74	6.96	0.00
		50	Air emissions	50	GHG emissions	GHG emissions	10.00	10.00	5.12	8.47	7.82	0.00
				25	NO _x emissions	NO _x emissions	10.00	10.00	0.00	8.00	4.20	7.70
				75	SO _x emissions	SO _x emissions	10.00	10.00	0.00	7.80	5.70	6.60
				50	PM ₁₀ emissions	PM ₁₀ emissions	10.00	10.00	0.00	10.00	10.00	10.00
		25	Impacts on water resources			Impacts on water resources	10.00	10.00	9.10	9.10	0.00	7.80

Table 5-10

Criteria Weighting and Ranking
Block F Soil Remedial Action Plan
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland
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Weighting						Ranking						
Weight	Criteria	Weight	Sub-Criteria 1	Weight	Sub-Criteria 2	Criteria/ Sub-Criteria	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
75	Costs	50	Capital			Capital	10.00	8.61	0.00	3.21	1.61	0.42
		50	O&M			O&M	10.00	5.40	5.52	0.64	0.00	5.40
						TOTAL SCORE	0.415	0.543	0.609	0.549	0.564	0.564

Notes:

GHG - greenhouse gases

PM₁₀ - respirable particulate matterNO_x - nitrogen oxides

O&M - operation and maintenance

SO_x - sulfur oxides

RAOs - remedial action objectives

Alternative 1: No Action

Alternative 2: Institutional Controls

Alternative 3: Excavation and off-site disposal of impacted soils to a depth of two feet, removal of underground storage tanks (USTs), and institutional controls

Alternative 4: Limited excavation and soil cover over impacted areas, UST removal, and institutional controls

Alternative 5: Enhanced bioremediation of impacted surface soils, UST removal, and institutional controls

Alternative 6: In situ stabilization of impacted soils to the groundwater table, UST removal, and institutional controls

Section 6

Design

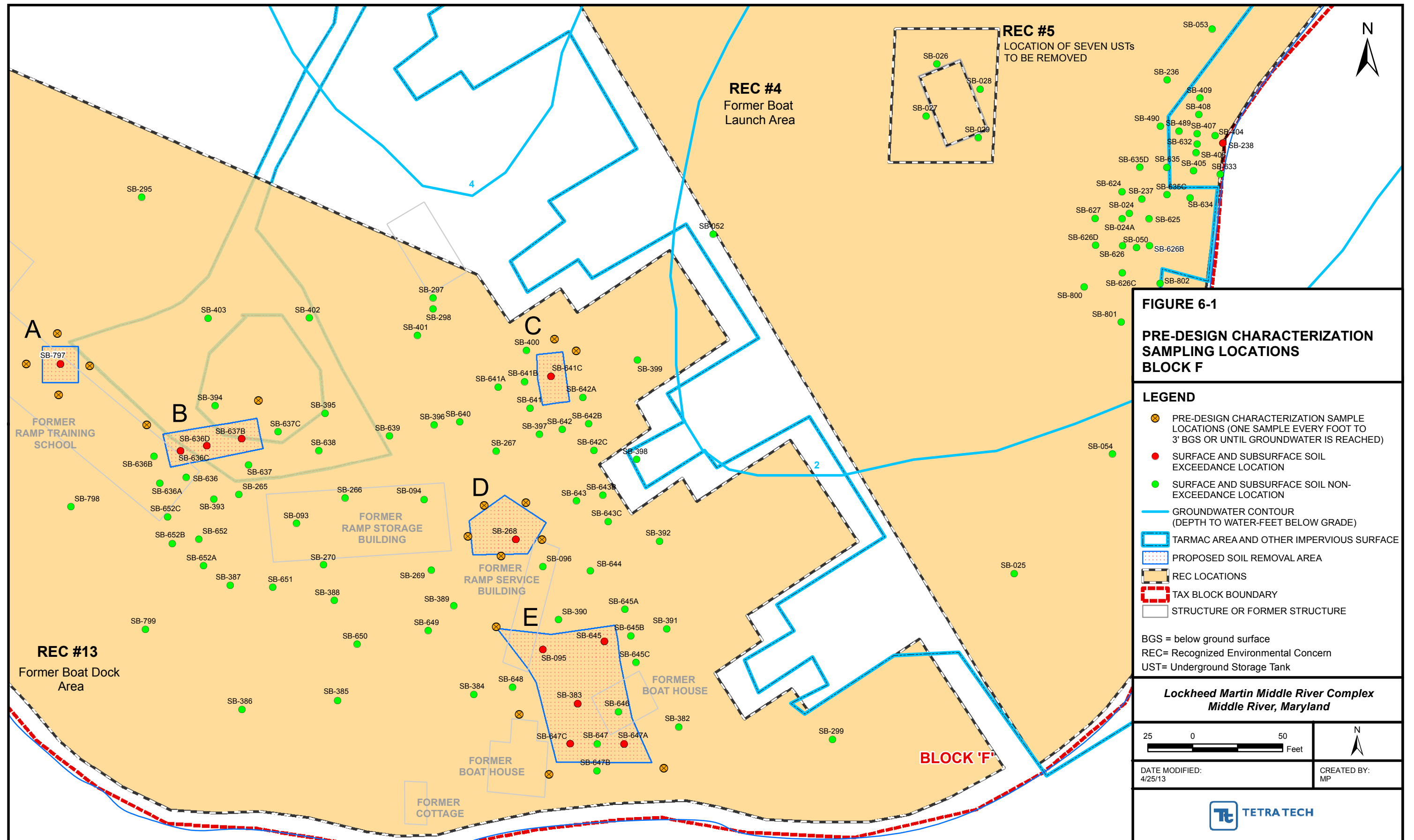
Characterization Sampling

The residual risk analysis (RRA) performed on Block F soils (see Section 4) identified areas that must be remediated to achieve “representative” soil concentrations that do not exceed the preliminary remediation goal (PRG) established for benzo(a)pyrene equivalent (BaPEq), the chemical of concern (COC) in Block F soils. The RRA was conducted using sample location data from all previous investigations detailed in Section 2.3. The RRA process consists of ranking sample locations from most contaminated to least contaminated, and then sequentially “removing” sample results/locations from the upper confidence level (UCL) calculation until the 95% UCL concentration for the COC does not exceed the industrial risk-based PRG associated with the remedial action objective (RAO) target residual cancer risk (1×10^{-5}). A detailed description of the RRA process can be found in Section 4.

The remedial areas are comprised of sample locations identified for elimination during the RRA “removal” process. Some additional elevated soil sample results (e.g., exceeding 2.9 milligrams per kilogram [mg/kg] for BaPEq) not requiring removal by calculation were also included in the remedial action area to provide a margin of safety in attaining the target residual risk. The limits of remediation are presented in Figure 4-1 in Section 4. The limits of the remediation areas were established along the midpoints between impacted soil samples and the nearest sample to remain in place.

Characterization sampling will be conducted during design around selected areas to better define the areas designated for remediation. Seventeen samples will be collected around areas A, B, C, D, and E (Figure 6-1). Soil samples will be collected in one-foot increments down to three feet or until groundwater is reached, whichever occurs first. Soils will be chemically analyzed for BaPEq. Figure 6-1 shows the proposed sample locations for design characterization sampling. A complete sampling and analysis plan will be prepared during the design phase of the remedial

action and submitted to the Maryland Department of the Environment as a RAP addendum. Sampling will be completed before remediation begins. The results of the sampling will be used to re-evaluate the residual risk calculation and using that analysis to determine if the current proposed excavation areas require adjustment. Any adjustments will be incorporated into the final remedial design documents.



Section 7

Contingency Measures for the Selected Remedial Action

The proposed remedial action will remove and dispose of soil with chemicals of concern (COC) concentrations such that cumulative residual human health risk associated with an industrial worker's exposure to soils in Block F will be less than 1×10^{-5} risk level for benzo(a)pyrene equivalent (BaPEq). The proposed remedial action will also remove previously abandoned-in-place underground storage tanks (USTs) and associated piping; remove soil associated with the USTs with total petroleum hydrocarbons (TPH)-diesel-range organic (DRO) and TPH-gasoline-range organic (TPH-GRO) concentrations greater than Maryland Department of the Environment (MDE) Oil Control Program (OCP) soil cleanup standards; and implement institutional controls.

7.1 EXCAVATION AREAS CONTINGENCY MEASURES

The proposed remedial alternative for Block F (Alternative 3) includes removal of soils to a depth of two feet in areas identified in the residual-risk analysis as impacted. Excavation dewatering will not be required for the actual remedy; however, contingencies must be included in the design to provide for excavation dewatering and handling of dewatering fluid in the event it is required (e.g., heavy rainfall, unanticipated groundwater intrusion, etc.). Dewatering procedures are described in Section 8.1.2.

Following removal activities in soil excavation areas A through E of Figure 6-1, the base and sidewalls of the soil removal areas will be sampled and analyzed for polycyclic aromatic hydrocarbons (PAHs). Confirmatory sampling results from side wall samples of the soil excavation areas will be used in the calculation of residual risk, as defined in Section 8, to confirm that remaining soil BaPEq concentrations satisfy remedial action objective (RAO) No. 1. Residual risk is calculated using the 95% upper confidence limit of residual COC concentrations. Once verification sampling has been performed, a new set of Block F chemical data will be

available to incorporate into the residual-risk calculation. If a verification sample causes the 95% upper confidence limit (UCL) to exceed the preliminary remediation goal (PRG) for the BaPEq (2.9 mg/kg), then an additional 2 feet of soil will be removed laterally and verification sampling will be repeated until acceptable results are obtained in the residual risk calculation.

7.2 UNDERGROUND STORAGE TANK REMOVAL CONTINGENCY MEASURES

The proposed remedial alternative incorporates removal of seven USTs at recognized environmental condition (REC) #5. It is assumed that the USTs are empty and have not leaked to the surrounding soil. The following contingency measures must be built into the design and implementation of the chosen remedial alternative:

- As required by the MDE OCP, following UST removal and excavation, the soil will be sampled for TPH-DRO, TPH-GRO, and VOCs. If the analytical results show contamination above the MDE soil cleanup standards, then additional soil will be excavated and disposed of off-site.
- If the USTs are found to contain fuel, the tanks will be emptied and decommissioned before removal.
- If the USTs are found to contain sand or flowable fill, the material in the tanks would be removed and any oil-contaminated sand or fill should be characterized and properly disposed. The steel tanks would be cleaned and rendered suitable for recycling. The tanks would be cut, if necessary, to remove the sand or fill.

Confirmatory sampling will also be conducted in the UST removal area to verify removal of soils with TPH-DRO and TPH-GRO concentrations greater than the MDE OCP cleanup goal of 230 mg/kg, and/or VOCs concentrations greater than MDE residential cleanup standards. Details regarding confirmation soil sampling can be found in Section 8.1.4. Although TPH-DRO, TPH-GRO, and VOCs are not risk-driving COC in the soil remedial action at Block F, additional soil removal may be required in the UST area footprint until the base and sidewalls sample concentrations are confirmed to be below residential MDE cleanup standards. Alternatively, if residential standards cannot be practically achieved by completing additional excavation, then site closure will be pursued in conjunction with the Baltimore County OCP inspector approval to use land use controls to limit future access to soils left in place exceeding these screening criteria.

Section 8

Proposed Remedial Actions

This section presents the conceptual design for the proposed remedial action for soil at Block F. The selected remedial alternative, Alternative 3, involves excavation and disposal of impacted soils to a depth of two feet below ground surface (bgs) or to the groundwater table, whichever is encountered first; removal of seven underground storage tanks (USTs); and implementation of institutional controls. A site plan presenting the layout of the preliminary remedial design is in Figure 4-1. This proposed conceptual design may be altered during the design characterization sampling presented in Section 6, or during the full detailed-design and permitting process that will precede implementation.

A final soil remedial action design will be developed following approval of this remedial action plan (RAP). It will provide the final design-basis for the remedial action and describe the areas and volumes of soil to be excavated and the volume and type of fill material to be used. The remedial action implementation schedule is in Section 10. The soil remedial-action design will be submitted to the Maryland Department of the Environment (MDE) as a RAP addendum.

8.1 SUMMARY OF MAJOR COMPONENTS

Major components of the remedial action necessary to achieve a No Further Action site closure from MDE include:

- *Removing soil with chemical of concern (COC) concentrations greater than the preliminary remedial goal (PRGs) in designated excavation areas to satisfy remedial action objective (RAO) No. 1*—This will involve removal of the top two feet of soils, which is the designated depth to achieve acceptable residual risk based on known soil concentrations of benzo(a)pyrene equivalent (BaPEq). Approximately 912 cubic yards of soil will be removed. The soil boring sampling and removal limits are indicated in Figure 4-1. The depth of removal will extend to two feet below ground surface or to groundwater, if encountered first. Based on depth-to groundwater data for Block F (Appendix F), the groundwater table is expected at a depth between two and four feet, and it is not anticipated that groundwater will be intercepted during excavation to two feet. Removal-depth performance criteria are described further in Section 8.1.1. Soil

removal actions, as determined by the residual-risk analysis (RRA) and associated margin of safety, are as follows:

- *Area A*—remove soil associated with soil boring F-SB-797. This location was incorporated into the soil remedial areas as part of the final “margin of safety” step performed during the RRA. This sample location was added based on its BaPEq concentration exceeding the risk-based PRG and its location in proximity to an area with multiple risk-based remedial goal exceedances for BaPEq in soils (see Area B).
- *Area B*—remove soil associated with soil borings F-SB-636C, F-SB-636D, F-SB-637B. These locations were incorporated into the remedial area during the final “margin of safety” step in the RRA. They were added due to the relative abundance of BaPEq concentrations exceeding the risk-based PRG throughout this cluster of proximal sample locations.
- *Area C*—remove soil associated with soil boring F-SB-641C. This location was incorporated into the remedial area during the final “margin of safety” step in the RRA. It was added due to the BaPEq concentration at this location exceeding the risk-based PRG and since it was in a location with very few surrounding samples.
- *Area D*—remove soil associated with soil boring F-SB-268. Soil removal at this location was recommended per the RRA to achieve a site-wide 95% upper confidence limit (UCL) less than the industrial PRG for BaPEq.
- *Area E*—remove soil associated with soil borings F-SB-095, F-SB-383, F-SB-645, F-SB-646, F-SB-647, F-SB-647A, and F-SB-647C. Removal of soils at F-SB-095 and F-SB-645 were recommended in the RRA to achieve a site-wide 95% UCL less than the PRG for BaPEq. The other locations were added due to concentrations of BaPEq exceeding the PRG at locations in proximity to other samples recommended for removal per the RRA (i.e., near F-SB-645 and F-SB-095).
- *Removing the seven previously abandoned-in-place former aviation fuel USTs comprising recognized environmental condition (REC #5 to achieve RAO No. 2*—The previously abandoned-in-place USTs, and their associated piping (shown in Figure 6-1) will be removed, along with associated soil having total petroleum hydrocarbons (TPH)-diesel-range organic (DRO) and TPH-gasoline-range organic (GRO) concentrations greater than MDE soil-cleanup standards. The USTs were reportedly closed in place; however, no closure records are available. Additional details on the UST removal activities required to achieve RAO No. 2 are included below in Section 8.2.3.
- *Post-removal confirmation sampling and analysis*—To meet RAO No. 1, sampling and analysis of exposed soil on the sidewalls of removal areas will be performed to confirm that the residual risk 95% UCL of remaining soil COC concentrations is less than the PRG. Post-removal sampling and analysis of the exposed soil at the base of the removal areas will be performed to obtain data for informational purposes only. To meet RAO No. 2, samples collected from the base and sidewalls of UST excavation areas will be analyzed for TPH-DRO, TPH-GRO, and VOCs and compared to MDE soil cleanup standards to verify compliance.

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- *Characterization, transport, and off-site disposal of removed materials*—Excavated soil will be direct-loaded in to trucks to be disposed of off-site, when feasible. Soil stockpiling will be avoided or minimized as much as possible. It is anticipate that all soil removed from Block F will be nonhazardous and can be disposed of at a Lockheed Martin Corporation (Lockheed Martin)-approved nonhazardous-waste disposal facility. Characterization sampling will be conducted to verify this assumption. Removed concrete, steel, and other construction/demolition materials will be characterized, as appropriate. A disposal quantity of approximately 1,368 tons is estimated, based on the removal limits indicated in Figure 6-1. Concrete, steel and other construction/demolition materials resulting from removal of the foundations of former structures, previously abandoned-in-place USTs, and piping will either be cleaned/decontaminated as appropriate and subsequently recycled or disposed of in an off-site facility permitted to accept such materials.
 - *Backfilling and regrading*—The removal areas will be backfilled and the final surface will be graded to match existing grades. The fill material will be certified-clean material obtained from an off-site borrow source and similar in grain size to the removed soils.
 - *Restoration*—All areas disturbed by remedial action activities will be permanently stabilized and graded to original contours. The final surface restoration has not been determined at this time, the specific restoration method will be described in permitting and design documents that will follow this RAP.
 - *Implementation of institutional controls*—Institutional controls include restrictions on the use of groundwater, cover maintenance requirements, excavation notification, soil reuse restrictions, and limitations on future property use.

8.1.1 Excavation

Before excavation activities can commence, erosion and sedimentation controls specified in the grading plan approved by Baltimore County Soil Conservation District must be installed and inspected by the County. If the County approves the installation, they will issue a “Grading Permit.” Excavation can then proceed after all other permits associated with the project have been issued.

Block F soil in the areas designated for excavation in Figure 6-1 will be removed to the proposed depth. The removal limits presented in this RAP are based on review of the existing soil boring sampling results in Figure 2-4. The design and final limits of removal will be determined after pre-design characterization sampling data and post-removal confirmation sampling data acquisition activities are complete. Removal limits will in some cases extend to the water table. Sediments with COC concentrations greater than cleanup goals that accumulate in erosion and sediment control devices during remedial activities will be disposed of off-site, along with the

removed soils. Erosion and sediment control devices will be described in the separate Block F remedial action design that will be prepared prior to implementation.

8.1.2 Dewatering

Dewatering of removal areas may be required to facilitate excavation and backfilling. Water from excavation dewatering will be characterized and managed in one of the following ways:

- contained, characterized as required, and disposed of at an off-site permitted treatment, storage, and disposal facility (TSDF)
- filtered using a sediment removal device, treated as necessary, and discharged to surface water through the Middle River Complex permitted storm-drain and outfall system which is regulated by MDE and the United States Environmental Protection Agency (USEPA)
- filtered using a sediment removal device, treated as necessary, and discharged to the local sanitary sewer system, which is regulated by Baltimore County

Solids trapped in the filter will be analyzed and, depending on the results, transported to an off-site nonhazardous waste disposal facility or, if necessary, to an off-site hazardous waste TSDF. Permits required for the proposed remedial action are described in Section 9.2.

8.1.3 Underground Storage Tank Removal

Seven USTs in REC #5 will be excavated and transported off site for disposal and/or recycling. The Phase I environmental site assessment (ESA) identified seven, closed-in-place, 1,000-gallon USTs beneath the former boat launch area's (REC #4) concrete tarmac (Earth Tech, 2003). The tanks were reportedly last used in 1954 and closed in place in 1986-1987. During the Phase I ESA and subsequent investigations, appropriate closure documentation for the USTs was not identified in available records. Current Maryland Oil Control Program (OCP) regulations are specific regarding in-place closure procedures and requirements, including removal of all supply, fill and return lines, and filling of the tank(s) with an approved inert material. Under the *Code of Maryland Regulations* (COMAR) 26.10.10, for in-place closure of USTs to be approved, an engineering report must demonstrate that removal of the UST(s) would have an adverse effect on the site building foundation or other important structures or utilities within the immediate tank area. The REC #5 UST area is separate from any buildings and is located in an area not currently used. Although challenging (given tarmac cover, possible UST anchors, and tank fill material), removal of the REC #5 USTs is achievable and does not compromise the structural integrity of

any structures. Proper UST removal must be performed in accordance with COMAR 26.10 in order to achieve RAO No. 2, which includes compliance with the Maryland OCP.

The previously abandoned-in-place USTs, associated piping, soil with TPH-DRO, TPH-GRO, and/or VOC concentrations greater than MDE residential soil cleanup standards will be removed. A geophysical survey or an initial excavation will be required to confirm UST locations. USTs will be removed under the MDE OCP in accordance with the COMAR 26.10.10.02 and American Petroleum Institute (API) recommended practice 1604 (API, 1996), modified as necessary based on conditions encountered. The final removal limits will be determined after post-removal confirmation sampling. The UST removal procedure will include the following, as applicable:

- coordinate removal activities with MDE OCP personnel
- determine the location and contents of USTs
- remove any flammable, combustible, or other liquids from the UST storage systems
- empty and clean the USTs by removing all liquids and accumulated sludges or fill, which will then be characterized for disposal
- empty, disconnect, and remove associated piping, including fill lines, vents, dispensing lines, and return lines, if present
- if piping runs outside the excavation area, it will be necessary to remove the USTs and then abandon piping lines in place with cement grout
- purge UST storage systems of all explosive vapors and then monitor with an appropriate direct-reading instrument before and during removal
- remove USTs and any solid inert material
- puncture USTs to render them unfit for further use; alternatively, tanks may have to be cut to facilitate removal of sand or flowable fill, if present
- remove cathodic protection systems and anchorage if present
- remove regulated substances, soils saturated with regulated substances, and visibly contaminated soil from the excavation
- perform post-removal confirmation sampling and analysis for TPH-DRO, TPH-GRO, VOCs, and compare the results to the residential (per the OCP) MDE soil cleanup standards

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- backfill the excavation and restore the ground surface
 - amend the UST registration forms and submit to the MDE OCP within 30 days after the USTs have been removed

8.1.4 Confirmation Soil Sampling

To satisfy RAO No. 1, post-removal confirmation samples will be collected from the excavation sidewalls of removal areas A through E and analyzed for PAHs before backfilling to confirm that the residual risk 95% UCL of remaining soil COC concentrations is less than the PRG discussed in Section 4. Sidewall samples will be collected as a composite sample. One composite sample will be collected and analyzed for every 100 foot segment of sidewall. A minimum of 10 soil samples of equal volume, collected at distances of approximately 15 feet per 100 foot of sidewall, will be composited manually in a stainless steel bowl. The single composite sample will then be submitted for laboratory analysis. The result of the composite sample for each segment of sidewall will be used in a recalculation to determine if RAO No. 1 has been achieved. If not, additional removal will be performed until the RAO No. 1 is met.

For either full depth removal or removal areas where the proposed removal depth cannot be achieved due to shallow groundwater, post-removal samples will also be collected from the exposed soil at the base of the removal areas, at a frequency of one sample per 625 square feet of excavated soil. This data will be obtained for informational purposes only and may be used in considering final land use controls (LUCs).

For RAO No. 2, side wall and base samples will be collected and analyzed for TPH-DRO, TPH-GRO, and VOCs following excavation and removal of the seven USTs. One sidewall sample will be collected at a minimum of every 25 linear feet along the UST excavation sidewall. Sidewall samples will be collected as grab samples at approximately the midpoint of the excavation height. The UST base confirmatory samples will be collected at a minimum frequency of one grab sample every 250 square feet (i.e., a 50 foot by 50 foot square) over the footprint of the excavation. The MDE OCP onsite inspector may require an increased sampling frequency in the UST excavation area if evidence of a release (e.g., staining, odor, elevated photoionization detector reading) is observed. If groundwater or saturated soils are encountered in the base of the excavation, then the base confirmatory soil samples may be replaced by a

groundwater sample. Sampling results will be compared to the residential (per the OCP) MDE soil cleanup standards.

8.1.5 Waste Characterization and Disposal

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

Excavated soil and concrete from the tarmac will be transported for off-site disposal after waste characterization has been completed and the waste disposal and recycling facility has approved acceptance of the waste. It is anticipated that the removed soil will be disposed of at the GROWS North Landfill in Morrisville, Pennsylvania and the removed concrete will be sent to either GROWS or a recycling center in Baltimore, Maryland. Approximately 1,368 tons of soil direct-loaded at a rate of approximately 15 tons per truck, and transported to the appropriate facility during this remedial action. Approximately 92 truckloads (truck trips) of soil are estimated to remove contaminated soils during this remedial action. The number of trucks may vary depending on the availability, approximately 2 to 3 trucks per hour may be filled using direct load techniques. The trucks will access and leave Block F directly from Eastern Boulevard through the Middle River Complex and Chesapeake Park Plaza. Details concerning the trucking route will be finalized during the remedial design.

8.1.6 Backfilling

Removal areas will be backfilled after post-removal confirmation sampling and excavation dewatering. Backfill soil will be certified-clean soil from an off-site borrow source and will be similar in grain size to the soils removed if appropriate. Backfill material acceptance-criteria are presented in Table 8-1. The off-site borrow-source material will be evaluated according to procedures described in the MDE document *Facts About (Voluntary Cleanup Program) VCP—Clean Imported Fill Material* (MDE, undated). The off-site borrow source will be identified and

environmental site assessment documentation obtained, if available. The documentation will be reviewed by an environmental professional to determine its suitability. If the borrow source is judged acceptable, soil samples will be obtained and analyzed for compounds of concern using the methods listed in Table 8-1.

The minimum sampling frequency will be as recommended in the MDE clean-fill document and based on the size (i.e., area and volume) of the borrow source. Constituents detected in the samples will be compared to MDE cleanup levels, to anticipated typical concentrations for eastern Maryland (MDE, 2008), or other MDE-approved risk-based concentrations. The off-site borrow source must be approved by the MDE before transporting any backfill material onto the site. Backfill material will be compacted to at least 90% of the maximum dry density as determined by the standard proctor test using the ASTM International, Inc. (ASTM) method D698-12 and/or American Association of State Highway and Transportation Officials (AASHTO) specification T-99.

8.1.7 Restoration

The final surface restoration of the backfilled excavated areas has yet to be determined. The specific method will be presented in the Block F permitting and remedial design documents that will be prepared under separate cover prior to implementation.

8.2 LAND USE CONTROLS

The MDE Controlled Hazardous Substances Enforcement Division will document LUCs applicable to Block F in the No Further Action letter, which will be issued once the two RAOs have been met. The No Further Action letter will be filed in local land use records and passed to subsequent property owners as part of the deed documentation. The MDE regards all LUCs as existing in perpetuity unless the related environmental covenants are eliminated or modified by mutual consent of the stakeholders. As part of the No Further Action letter and supporting documentation, MDE will present certain environmental covenants that will give stakeholders legal standing for covenants enforcement. The MDE will determine final disposition of any LUCs. Examples of LUCs include the following:

- Prohibiting use of groundwater beneath the property for any purpose.

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- Requiring implementation of sub-slab soil-vapor mitigation technology beneath all buildings where the potential for soil vapor intrusion into indoor air exists. For new-footprint buildings, a vapor mitigation system might, for example, consist of slotted polyvinyl chloride tubing arranged in such a manner as to passively exhaust soil vapors from beneath the building slab to the atmosphere. Any passive vent system will have to be readily convertible to an active remedial system, if necessary. Other regulatorily acceptable remedial alternatives exist. Regardless of remedial choice, indoor air will need to be tested before occupancy, and concentrations of any detected contaminant must not exceed the applicable indoor air standards.
 - Restrictions on the future use of the property other than industrial use.

Table 8-1

**Backfill Material Acceptance Criteria
Block F Soil Remedial Action Plan
Lockheed Martin Middle River Complex,
Middle River, Maryland**

Parameter	Criteria	Test method
Volatile organic compounds	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 8260B
Semivolatile organic compounds	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 8270C ⁽²⁾
Polychlorinated biphenyls	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 8082
Metals	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 6020
Pesticides (organochlorine)	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 8081A or 8080A
Pesticides (organophosphorus)	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 8141A
Chlorinated herbicides	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 8151A
Total petroleum hydrocarbons	MDE residential cleanup standards or ATCs ⁽¹⁾ or associated approved risk-based concentrations	USEPA SW-846 8015
Unified Soil Classification System classification	GW, GP, GM, SW, SP, and SM	ASTM D 2487
Atterberg Limits	—	ASTM D 4318
—Liquid limit	35 maximum	
—Plasticity index	12 maximum	
Amount finer than the No. 200 United States standard sieve	25% maximum	ASTM D 1140
Maximum particle size	1 inch maximum	ASTM D 422

⁽¹⁾Residential cleanup standards and ATCs provided in *Cleanup Standards for Soil and Groundwater* (MDE, June 2008).

⁽²⁾PAHs using USEPA SW-846 8270C or D with SIM.

⁽³⁾The off-site borrow source must be approved by the MDE Voluntary Cleanup Program before transporting any backfill material onto the sit

ASTM ASTM International

MDE Maryland Department of the Environment

RBC risk-based concentration

ATC anticipated typical concentration

PAHs polycyclic aromatic hydrocarbons

USEPA United States Environmental Protection Agency

Section 9

Permits and Notifications

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

9.1 PERMITS

Lockheed Martin Corporation (Lockheed Martin) will meet federal, state, and local permitting requirements for the proposed soil remedial action described in Section 8. Permitting requirements for the proposed remedial action relating to soil excavation and off-site disposal will be subject to Maryland Department of the Environment (MDE), and Baltimore County Department of Environmental Protection and Natural Resources soil management requirements. A list of required permits, with contact information and review periods, is in Appendix J, and include the following:

- A Baltimore County grading permit for any land disturbance and grading that disturbs greater than 5,000 square feet, or utilizes more than 100 cubic yards of fill material, will be required. Grading plans will be submitted to Baltimore County for review and approval.
- As a condition of receiving a grading permit, a stormwater management plan will be submitted to Baltimore County Stormwater Engineering for review and approval. The stormwater management plan will be prepared in accordance with the *Maryland Storm Water Design Manual, Volumes I and II* (MDE, 2000), including the 2009 revisions and subsequent supplements. Since post-construction contours will match pre-construction conditions, a stormwater management variance may be granted by Baltimore County under Section 33-4-113 (a)(2) of Title 4 of the Baltimore County Code.
- An erosion and sediment control plan will be submitted to the Baltimore County Soil Conservation District. It will be prepared in accordance with the *1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control* (MDE, 1994), the *2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control* (MDE, 2011), and the *Baltimore County Urban Policy and Guidelines Manual*. The Soil Conservation District review of erosion and sediment control plans will be coordinated

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

- Baltimore County Environmental Impact Review will also be consulted to determine if any conservation or mitigation measures will be required for work within the critical area, including compliance with the 10% rule for stormwater and to address impacts to the tidal buffer. The 10% rule for Baltimore County specifies that stormwater management practices must be capable of reducing stormwater pollutant loads from a construction site to a level at least 10% below the load generated by the same site prior to development.
- The MDE Oil Control Program (OCP) “Notification for Underground Storage Tanks” and “Tank Removal/Abandonment 30-Day Notification Form” will be submitted in accordance with Code of Maryland Regulations (COMAR) 26.10 “Oil Pollution and Tank Management”.
- A United States Army Corps of Engineers and MDE “Joint Permit Application” will be required if any of the final ground disturbing activities take place within the boundaries of delineated tidal wetlands or below the mean high-water line of Dark Head Cove or Cow Pen Creek. Current plans and the size and nature of delineated wetlands within Block F suggest that expected impacts are relatively minor, and will meet criteria for coverage under the Maryland “Programmatic General Permit” (MDSPGP-4).
- If the final total ground disturbance exceeds one acre, an application for a “Notice of Intent for a Permit for Stormwater Associated with Construction Activity” will be submitted to MDE along with the erosion and sediment control plan approval from the Baltimore County Soil Conservation District.
- A Section 106 project review by the Maryland Heritage Trust will also be conducted as part of the federal/state MDSPGP-4 joint permit application.
- As part of the federal/state MDSPGP-4 joint permit application, the Maryland Department of Natural Resources, the United States Fish and Wildlife Services, and the National Oceanic and Atmospheric Administration will review the project for potential impacts to listed species and critical/essential fish habitat.
- Lockheed Martin Corporation Properties, Inc. (LMCPI) will be kept informed of work progress and schedule. Potable water must be obtained at locations, volumes, and rates approved by LMCPI.

9.2 NOTIFICATIONS

Lockheed Martin will follow appropriate MDE and United States Environmental Protection Agency (USEPA) notification requirements regarding previously undiscovered contamination, changes in the RAP schedule, citations from regulators related to health and safety practices associated with implementation of the proposed remedial action, and discharges to the environment.

Section 10

Implementation Schedule

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

1. Submit draft remedial action plan (RAP) to the Maryland Department of the Environment (MDE) (September 2013)
2. Submit final remedial action plan (July 2014)
3. Obtain required permits (December 2014)
4. Begin implementation of remedial action (January 2015)
5. Complete implementation of remedial action and meet the remedial action objectives (RAOs) (May 2015)
6. Request a No Further Action letter (August 2015)

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Section 11

References

1. American Petroleum Institute (API), 1996. *Closure of Underground Petroleum Storage Tanks, Third Edition*. March.
2. Earth Tech, 2003. *Phase I Environmental Site Assessment, Chesapeake Industrial Park, Middle River, Maryland, May*.
3. FRTR (Federal Remediation Technologies Roundtable), 2012. *FRTR technologies screening matrix tool*: http://www.frtr.gov/matrix2/top_page.html.
4. InfoHarvest, Inc., 2001. *Criterion® Decision Plus®. The Complete Decision Formulation, Analysis, and Presentation for Windows Version 3.0, User's Guide Tutorial*. Seattle, Wash.
5. ITRC (Interstate Technology and Regulatory Council), 2012. *ITRC technology-screening tool*: <http://www.itrcweb.org/>.
6. Maryland Department of the Environment (MDE), undated. *Facts About (Voluntary Cleanup Program) VCP—Clean Imported Fill Material*. Information pamphlet.
7. Maryland Department of the Environment (MDE), 1994. *1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control*. Maryland Department of the Environment, Water Management Administration, in association with the United States Department of Agriculture Natural Resources Conservation Service (formerly known as the Soil Conservation Service) and (Maryland) State Soil Conservation Committee. July.
8. Maryland Department of the Environment (MDE), 2000. *2000 Maryland Storm-Water Design Manual, Volumes I and II*. Prepared by the Center for Watershed Protection and the Maryland Department of the Environment, Water Management Administration. Effective October 2000, revised May 2009.
9. Maryland Department of the Environment (MDE), 2006. *Voluntary Cleanup Program Guidance Document*. MDE Land Restoration Program, Maryland Department of the Environment, Baltimore, Maryland. March.
10. Maryland Department of the Environment (MDE), 2008. *Cleanup Standards for Soil and Groundwater; Interim Final Guidance (Update No. 2.1)*. June.

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11. Maryland Department of the Environment (MDE), 2011. *Maryland Standards and Specifications for Soil Erosion and Sediment Control*. Maryland Department of the Environment, Water Management Administration, in association with United States Department of Agriculture Natural Resources Conservation Service (formerly known as the Soil Conservation Service) and Maryland Association of Soil Conservation Districts. December.
 12. United States Navy, 2011. *SiteWise™ Version 2 User Guide*. Naval Facilities Engineering Command Engineering Service Center, Port Hueneme, California UG-2092-ENV. June.
 13. Tetra Tech, Inc. (Tetra Tech), 2004a. *Phase II Environmental Site Investigation, Middle River Complex*. February.
 14. Tetra Tech, Inc. (Tetra Tech), 2004b. *Historical Research Report, Lockheed Martin Middle River Complex*. August.
 15. Tetra Tech, Inc. (Tetra Tech), 2005. *Final Data Report, Site-Wide Phase II Investigation, Middle River Complex*. Report prepared by Tetra Tech, Inc., Germantown, Maryland for Lockheed Martin Corporation, Bethesda, Maryland. April.
 16. Tetra Tech, Inc. (Tetra Tech), 2006. *Site Characterization Report, Revision 1.0, Lockheed Martin Middle River Complex*. Report prepared by Tetra Tech, Inc., Germantown, Maryland for Lockheed Martin Corporation, Bethesda, Maryland. May.
 17. Tetra Tech, Inc. (Tetra Tech), 2009. *Final Soil Response Action Plan, Block B, Lockheed Martin Middle River Complex*. Report prepared by Tetra Tech Inc., Germantown, Maryland for Lockheed Martin Corporation, Bethesda, Maryland. November.
 18. Tetra Tech (Tetra Tech, Inc.), 2011. *Final Block F Data Summary Report, Lockheed Martin Middle River Complex, Middle River, Maryland*, report prepared by Tetra Tech, Inc., Germantown, Maryland for Lockheed Martin Corporation, Bethesda, Maryland. January.
 19. Tetra Tech (Tetra Tech Inc.), 2012a. *Reconnaissance Report for Bulkhead/Shoreline Evaluation, Blocks D and F, Lockheed Martin Middle River Complex, Middle River, Maryland*. Prepared for Lockheed Martin Corporation, Bethesda, Maryland. November.
 20. Tetra Tech (Tetra Tech, Inc.), 2012b. *Human Health Risk Assessment for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, Middle River, Maryland*. Report prepared by Tetra Tech, Inc., Germantown, Maryland for Lockheed Martin Corporation, Bethesda, Maryland. September.
 21. United States Environmental Protection Agency (USEPA), 1988. *Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA, Interim Final EPA/540/G-89/004*. Office of Emergency and Remedial Response, Washington, D.C. October.

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22. USEPA, 1993. *Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons*. Office of Health and Environmental Assessment. EPA/600/R-93/089. July.

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APPENDIX A—VOLUNTARY CLEANUP PROGRAM WITHDRAWAL LETTER

Lockheed Martin Corporation
6801 Rockledge Drive MP: CCT-246
Bethesda, MD 20817
Telephone 301-548-2212



August 29, 2013

VIA E-MAIL AND PRIVATE CARRIER

VIA E-mail: James.carroll@maryland.gov

Mr. James Carroll
Program Administrator
Land Restoration Program
Maryland Department of the Environment
1800 Washington Boulevard, Suite 625
Baltimore, Maryland 21230

Subject: Withdrawal of VCP Applications for Tax Parcel Blocks D, E, E (Lot 3), F, G (Lot 1), H and I
Chesapeake Park Plaza (Middle River Complex)
2323 Eastern Boulevard, Middle River, Baltimore County, Maryland

Dear Mr. Carroll:

The purpose of this letter is to notify the Maryland Department of the Environment ("MDE" or "Department") that Lockheed Martin Corporation is withdrawing the below referenced tax parcels and block numbers, generally referred to as the Chesapeake Park Plaza, from the Voluntary Cleanup Program ("VCP") pursuant to Md. Code Ann. Envir. § 7-512 (2007 Repl. Vol.).

The subject Chesapeake Park Plaza tax parcels were previously accepted into MDE's VCP. This notice of withdrawal will affect the following identified tax parcels:

	Tax Parcel Number	Acreage
1	Map 90 Grid 18 Parcel 964 Block D	12.775
2	Map 90 Grid 18 Parcel 964 Block E	15.433
	Map 90 Grid 18 Parcel 964 Block E Lot 3	0.533
3	Map 90 Grid 18 Parcel 964 Block F	11.941
4	Map 90 Grid 18 Parcel 964 Block G Lot 1	13.461
5	Map 90 Grid 18 Parcel 964 Block H	7.877
6	Map 90 Grid 18 Parcel 964 Block I	66.104

We understand this notice will take effect upon ten (10) days of MDE's receipt. Please be advised that the tax parcels subject to this notice are currently stable and secure, and that Lockheed Martin has agreed in principle to negotiate an administrative consent order with the Department to address environmental conditions at Tax Parcels D, E, F, G, and H, and I. Please acknowledge receipt of this notice in writing.

Please let me know if you have any questions. My office phone is (301) 548-2212.

Sincerely,

A handwritten signature in blue ink, appearing to read "Carol B. Cala".

Carol B. Cala
Vice President, Energy, Environment, Safety & Health
Lockheed Martin Corporation

cc:

Brad Owens, Lockheed Martin
Christine Kline, Lockheed Martin
Glenda Smith, Lockheed Martin
Norm Varney, Lockheed Martin
Michael Martin, Tetra Tech
Cannon Silver, CDM Smith

**APPENDIX B—BLOCK F INDUSTRIAL EXCEEDANCES
OF RISK-BASED SCREENING CRITERIA (TABLE)**

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																	MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH	
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	%	MG/KG
Target Cancer Risk Level	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
SB-22-05	SB-022	5	5	20031117	--	2.9 L	NA	--	--	13	NA	10	10 L	--	NA	8.9 L	--	--	NA	--	70	NA	NA	NA	
SB-22-10	SB-022	10	10	20031117	--	2.7 L	NA	--	--	16	NA	13	6 L	--	NA	14 L	--	--	NA	--	85	NA	NA	NA	
SB-24-05	SB-024	5	5	20031117	--	3.5 L	NA	--	--	13	NA	28	46 L	0.94	NA	12 L	--	--	NA	100 J	80	NA	NA	NA	
SB-24-10	SB-024	10	10	20031117	--	2.3 L	NA	--	--	12	NA	7.8	12 L	0.17	NA	6.7 L	--	--	NA	--	84	NA	NA	NA	
SB-25-05	SB-025	5	5	20031117	--	0.92 L	NA	--	--	11	NA	8	6.6 L	--	NA	24 L	--	--	NA	--	85	NA	NA	NA	
SB-25-10	SB-025	10	10	20031117	--	1.7 L	NA	4.6	--	16	NA	19	14 L	--	NA	46 L	--	--	NA	110 J	84	NA	NA	NA	
SB-26-10	SB-026	10	10	20031117	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77	NA	NA	NA	
SB-27-10	SB-027	10	10	20031117	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75	NA	NA	NA	
SB-28-10	SB-028	10	10	20031117	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77	NA	NA	NA	
SB-29-10	SB-029	10	10	20031117	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76	NA	NA	NA	
SB-23-05	SB-023	5	5	20031118	--	1.5 L	NA	--	--	5.3	NA	--	--	--	NA	3.6 L	--	--	NA	--	84	NA	NA	NA	
SB-23-10	SB-023	10	10	20031118	--	1 L	NA	--	--	--	NA	--	--	--	NA	--	--	--	NA	--	86	NA	NA	NA	
SB-30-05	SB-030	5	5	20031118	--	0.99 L	NA	3.2	--	19	NA	21	7.4 L	--	NA	33 L	4.4 L	--	NA	--	87	NA	NA	NA	
SB-56-05	SB-056	5	5	20040913	--	--	NA	--	--	15	NA	10	3.2 J	--	NA	11	--	--	NA	--	NA	NA	NA	NA	
SB-56-10	SB-056	10	10	20040913	--	--	NA	--	--	10	NA	4.7 K	--	--	NA	5.3 K	--	--	NA	--	NA	NA	NA	NA	
SB-56-15	SB-056	15	15	20040913	--	--	NA	--	--	9.5	NA	3.9 K	--	--	NA	6	--	--	NA	--	NA	NA	NA	NA	
SB-56-SS	SB-056	0	1	20040913	--	2.9 L	NA	--	--	14	NA	11	6.3 J	--	NA	5.1 K	--	--	NA	--	NA	NA	NA	NA	
SB-22A-SS	SB-022	0	1	20040915	--	1.3	NA	--	--	8.1	NA	4.9 K	--	--	NA	4.6 K	--	--	NA	--	NA	NA	NA	NA	
SB-23A-SS	SB-023	0	1	20040915	--	2.2	NA	--	--	13	NA	5.3	5.4	--	NA	7.1	--	3.4	NA	--	NA	NA	NA	NA	
SB-24A-SS	SB-024	0	1	20040915	--	3.4	NA	--	--	18	NA	36	67	1.4	NA	14	--	--	NA	120	NA	NA	NA	NA	
SB-25A-SS	SB-025	0	1	20040915	--	0.6	NA	5	--	18	NA	15	5.9	--	NA	27	--	--	NA	48 K	NA	NA	NA	NA	
SB-30A-SS	SB-030	0	1	20040915	--	2.3 L	NA	--	--	8.7	NA	4.4 K	4.5 J	--	NA	4.5 K	--	--	NA	--	NA	NA	NA	NA	
SB-50-05	SB-050	5	5	20040915	--	0.96	NA	--	--	13	NA	8.7	6.7	--	NA	18	--	--	NA	43 K	NA	NA	NA	NA	
SB-50-10	SB-050	10	10	20040915	--	1.2	NA	--	--	5.8	NA	10	4.8	--	NA	28	--	--	NA	140	NA	NA	NA	NA	
SB-50-SS	SB-050	0	1	20040915	--	3.2	NA	--	--	9.4	NA	17	33	0.42	NA	8.5	--	--	NA	100	NA	NA	NA	NA	
SB-55-05	SB-055	5	5	20040915	--	1.9	NA	6.2	--	15	NA	56	8.4	--	NA	150	2.8	--	NA	270	NA	NA	NA	NA	
SB-55-10	SB-055	10	10	20040915	--	0.58 L	NA	--	--	8.4	NA	12	5.2 J	--	NA	11	--	--	NA	62 J	NA	NA	NA	NA	
SB-55-SS	SB-055	0	1	20040915	--	1.5 L	NA	--	--	13	NA	74	420 J	--	NA	13	--	--	NA	58 J	NA	NA	NA	NA	
SB-93-05	SB-093	5	5	20040916	--	--	NA	--	--	20	NA	13 L	8.7 L	--	NA	17	4.3 L	--	NA	--	NA	NA	NA	NA	
SB-93-10	SB-093	10	10	20040916	--	--	NA	--	--	9.9	NA	10 L	2.9 L	--	NA	4 K	--	--	NA	--	NA	NA	NA	NA	
SB-93-15	SB-093	15	15	20040916	--	--	NA	--	--	18	NA	12 L	4 L	--	NA	18	--	--	NA	--	NA	NA	NA	NA	
SB-93-SS	SB-093	0	1	20040916	--	1.8 L	NA	--	3.5 L	110	NA	21 L	73 L	0.68	NA	11	--	--	NA	100 K	NA	NA	NA	NA	
SB-94-05	SB-094	5	5	20040916	--	--	NA	3.2 L	--	14	NA	21 L	6.7 L	--	NA	12	4.2 L	--	NA	--	NA	NA	NA	NA	
SB-94-10	SB-094	10	10	20040916	--	--	NA	--	--	20	NA	11 L	17 L	--	NA	21	--	--	NA	33 K	NA	NA	NA	NA	
SB-94-15	SB-094	15	15	20040916	--	--	NA	--	--	27	NA	7.4 L	3.3 L	--	NA	20	--	--	NA	--	NA	NA	NA	NA	
SB-94-SS	SB-094	0	1	20040916	--	2.1 L	NA	--	4.5 L	25	NA	21 L	65 L	0.97	NA	11	--	--	NA	92 K	NA	NA	NA	NA	
SB-95-05	SB-095	5	5	20040916	--	--	NA	5.2 L	--	19	NA	24 L	5.2 L	--	NA	21	--	--	NA	--	NA	NA	NA	NA	
SB-95-10	SB-095	10	10	20040916	--	--	NA	--	--	9.6	NA	5.5 L	3.2 L	--	NA	8.4	--	--	NA	--	NA	NA	NA	NA	
SB-95-SS	SB-095	0	1	20040916	--	2 L	NA	--	--	14	NA	34 L	100 L	0.15	NA	8.1	--	--	NA	81 K	NA	NA	NA	NA	
SB-96-05	SB-096	5	5	20040916	--	--	NA	--	--	--	NA	4.3 L	--	--	NA	--	--	--	NA	--	NA	NA	NA	NA	
SB-96-10	SB-096	10	10	20040916	--	--	NA	4.1 L	--	17	NA	13 L	4.3 L	--	NA	22	--	--	NA	--	NA	NA	NA	NA	
SB-96-15	SB-096	15	15	20040916	--	--	NA	--	--	--	NA	3.3 L	--	--	NA	--	--	--	NA	--	NA	NA	NA	NA	
SB-96-SS	SB-096	0	1	20040916	--	2 L	NA	--	--	9.3	NA	5.1 L	3.2 L	--	NA	5.4 K	--	--	NA	--	NA	NA	NA	NA	
SB-236-01	SB-236	1	2	20050509	2 L	4	83	0.7	0.4	19.8	5.8	22	51	0.92 L	0.6 B	12	--	0.9	31	82	NA	NA	NA	8.2	
SB-236-05	SB-236	5	5	20050509	2 L	7	103	0.6	0.5	20.6	6.2	38	81	0.97 L	0.6 B	17	3	2.3	26.9	131	NA	NA	NA	7.7	
SB-236-SS	SB-236	0	1	20050509	0.5 L	3	36	1.4	0.3	17.7	6.8	14	11	0.29 L	0.4 B	12	2	--	29.9	35	NA	NA	NA	8.1	
SB-237-01	SB-237	1	2	20050509	4 L	5	68	0.6	0.3	185	5.1	33	63	0.35	63	18	4	1.4	41.9	99	NA	NA	--	NA	
SB-237-05	SB-237	5	5	20050509	--	2 B	35	3.2	0.3	24.6	8	11	11	0.01	--	23	--	--	35.1	41	NA	NA	--	NA	
SB-237-SS	SB-237	0	1	20050509	0.4 L	3 B	42	1.6	0.4	19.8	5.6	12	8 B	0.06	0.6 B	12	2	--	31	28	NA	NA	NA	NA	
SB-250-02	SB-250	1	2	20050509	0.6 L	3 B	30	1	0.2 B	15.5	2.8	10	5 B	0.03	0.6 B	6 B	--	--	27.2	25	NA	NA	NA	NA	
SB-250-SS	SB-250	0	1	20050509	0.8 L	1 B	37	0.7	0.2 B	11.8	5.8	6	17	0.04	0.5 B	8	2	0.05 B	20.5	32	NA	NA	NA	NA	

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units Target Cancer Risk Level	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	% NA	% NA	MG/KG NA	S.U. NA
SB-251-02	SB-251	1	2	20050509	0.9 L	5	40	1	0.1 B	20.8	7.1	10	7 B	0.01	0.5 B	9	3	--	35.6	34	NA	NA	NA	NA
SB-251-SS	SB-251	0	1	20050509	1 L	3 B	40	0.7	0.2 B	15.8	5.9	6	7 B	0.02	--	9 B	--	--	24.8	29	NA	NA	NA	NA
SB-252-02	SB-252	1	2	20050509	0.8 L	4	27	0.5	0.2 B	15.6	3.5	7	6 B	0.04	0.7 B	6 B	--	--	27.9	24	NA	NA	NA	NA
SB-252-SS	SB-252	0	1	20050509	0.7 L	2 B	31	0.6	0.1 B	11.8	3.6	4	10	0.04	--	6 B	--	--	20.3	25	NA	NA	NA	NA
SB-253-02	SB-253	1	2	20050509	0.9 L	3 B	36	0.7	0.09 B	14	4	5	5 B	0.03	0.5 B	5 B	3	0.2 B	25.5	20	NA	NA	NA	NA
SB-253-SS	SB-253	0	1	20050509	1 L	3 B	49	0.6	0.4	14.4	4.9	9	31	0.07	--	8 B	--	0.2 B	29.5	39	NA	NA	NA	NA
SB-265-02	SB-265	1	2	20050509	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.4
SB-265-SS	SB-265	0	1	20050509	0.5	5	29	1.3	0.8	55.8	8.9	17	20	0.09	2 B	20	--	1.1	46.2	50	NA	NA	3.6	8.3
SB-266-02	SB-266	1	2	20050509	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-266-SS	SB-266	0	1	20050509	1	3 B	44	0.8	1.8	31.3	8.5	16	43	0.51	0.6 B	14	3	1.1	33.4	85	NA	NA	2	NA
SB-267-02	SB-267	1	2	20050509	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-267-SS	SB-267	0	1	20050509	1	3 B	79	0.8	0.7	16.4	6	16	91	0.07	--	9	3	0.06 B	21.6	287	NA	NA	NA	NA
SB-268-02	SB-268	1	2	20050509	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-268-SS	SB-268	0	1	20050509	2 L	5	207	1.4	3	31.8	12	50	447	0.49	1 B	14	--	0.3 B	35.8	289	NA	NA	3.6	NA
SB-269-02	SB-269	1	2	20050509	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-269-SS	SB-269	0	1	20050509	1 L	6	103	1.7	0.7	26.1	6.6	15	56	0.18	1 B	13	3	--	42.8	74	NA	NA	0.51	NA
SB-270-02	SB-270	1	2	20050509	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-270-SS	SB-270	0	1	20050509	1 L	3 B	64	1.1	0.3 B	15.3	5.4	12	64	0.11	0.6 B	8 B	--	--	26.2	51	NA	NA	0.64	NA
SB-238-01	SB-238	1	2	20050517	--	3	41	1.8	0.6	27.4	8.4	16	30	0.08	0.8 B	22	--	--	35.9	54	NA	NA	--	NA
SB-238-05	SB-238	5	5	20050517	0.3 L	3	24	2	0.5	23.9	15	14	14	0.07	0.7 B	27	--	--	34.1	57	NA	NA	--	NA
SB-238-SS	SB-238	0	1	20050517	1 L	3	86	1.3	2	36.4	6.4	23	148	0.24	1 B	21	--	--	49	167	NA	NA	0.49	NA
SB-296-0405	SB-296	4	5	20051028	--	5.7	14.5	3.6	--	38.7	32	40.4	9.9	0.02	0.55 K	31.4	--	1.6	61.6	58	NA	80	NA	NA
SB-296-0910	SB-296	9	10	20051028	--	2.4 K	13.7	3.6	--	21.1	6 K	21.9	7.6	0.01	--	21.3	--	1.2	32.8	26.8	NA	84	NA	NA
SB-297-0405	SB-297	4	5	20051028	--	3.3	16.3	3.1	--	26.1	6 K	21.9	8.3	--	0.43 K	24	--	--	35.3	24.1	NA	88	NA	NA
SB-297-0910	SB-297	9	10	20051028	--	3 K	22.3	3.7	--	19.2	8.7 K	15.9	8.5	--	0.45 K	25.4	--	--	31.8	33.2	NA	84	NA	NA
SB-295-0405	SB-295	4	5	20051101	--	4.6	22.8	0.96	--	25.1	3.2 B	14.6	8	0.01	0.41 K	9.7	--	0.72	40.4	27.1	NA	81	NA	NA
SB-295-0910	SB-295	9	10	20051101	--	2.9 K	15.1	3.2	--	29	8.5 K	17.5	8.7	--	0.44 K	24.3	--	0.99	32.5	32.2	NA	84	NA	NA
SB-298-0405	SB-298	4	5	20051101	--	3.5	17.7	4.3	--	16.3	8	18	8.4	--	0.32	23.3	--	--	28.4	34.7	NA	84	NA	NA
SB-298-0910	SB-298	9	10	20051101	--	2 K	19.6	3.8	--	39.4	5.3	11.6	10.4	--	0.35	17.8	--	--	46.4	30.8	NA	83	NA	NA
SB-299-0405	SB-299	4	5	20051101	--	1.3 K	12.5	1.8	--	18.6	11	10.9	4	--	--	13.7	--	--	27.2	40.9	NA	86	NA	NA
SB-299-0910	SB-299	9	10	20051101	--	2.2 K	42.2	2.6	--	16	9.3	11.2	11.2	0.01 B	--	18.1	--	--	20.7	42.7	NA	85	NA	NA
SB-382-0102	SB-382	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.6	NA	NA	NA
SB-382-0203	SB-382	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.2	NA	NA	NA
SB-382-0405	SB-382	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.4	NA	NA	NA
SB-382-0708	SB-382	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.2	NA	NA	NA
SB-383-0102	SB-383	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88	NA	NA	NA
SB-383-0203	SB-383	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.2	NA	NA	NA
SB-383-0405	SB-383	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.2	NA	NA	NA
SB-383-0708	SB-383	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.1	NA	NA	NA
SB-384-0102	SB-384	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87	NA	NA	NA
SB-384-0203	SB-384	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86	NA	NA	NA
SB-384-0405	SB-384	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.6	NA	NA	NA
SB-384-0708	SB-384	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.6	NA	NA	NA
SB-385-0102	SB-385	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92	NA	NA	NA
SB-385-0203	SB-385	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91	NA	NA	NA
SB-385-0405	SB-385	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93	NA	NA	NA
SB-385-0708	SB-385	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.7	NA	NA	NA
SB-386-0102	SB-386	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90	NA	NA	NA
SB-386-0203	SB-386	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.2	NA	NA	NA
SB-386-0405	SB-386	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.5	NA	NA	NA
SB-386-0708	SB-386	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.1	NA	NA	NA

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BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	%	MG/KG	S.U.
				Target Cancer Risk Level	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-387-0102	SB-387	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.7	NA	NA	NA
SB-387-0203	SB-387	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.4	NA	NA	NA
SB-387-0405	SB-387	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.4	NA	NA	NA
SB-387-0708	SB-387	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.8	NA	NA	NA
SB-388-0102	SB-388	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.6	NA	NA	NA
SB-388-0203	SB-388	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.6	NA	NA	NA
SB-388-0405	SB-388	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.8	NA	NA	NA
SB-388-0708	SB-388	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.3	NA	NA	NA
SB-389-0102	SB-389	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.2	NA	NA	NA
SB-389-0203	SB-389	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85	NA	NA	NA
SB-389-0405	SB-389	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.5	NA	NA	NA
SB-389-0708	SB-389	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.4	NA	NA	NA
SB-390-0102	SB-390	1	2	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87	NA	NA	NA
SB-390-0203	SB-390	2	3	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.4	NA	NA	NA
SB-390-0405	SB-390	4	5	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.8	NA	NA	NA
SB-390-0708	SB-390	7	8	20071015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.3	NA	NA	NA
SB-391-0102	SB-391	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.6	NA	NA	NA
SB-391-0203	SB-391	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.8	NA	NA	NA
SB-391-0405	SB-391	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87	NA	NA	NA
SB-391-0708	SB-391	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.3	NA	NA	NA
SB-392-0102	SB-392	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.3	NA	NA	NA
SB-392-0203	SB-392	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.3	NA	NA	NA
SB-392-0405	SB-392	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.9	NA	NA	NA
SB-392-0708	SB-392	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.4	NA	NA	NA
SB-393-0102	SB-393	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94.6	NA	NA	NA
SB-393-0203	SB-393	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92.6	NA	NA	NA
SB-393-0405	SB-393	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.5	NA	NA	NA
SB-393-0708	SB-393	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.9	NA	NA	NA
SB-394-0102	SB-394	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90	NA	NA	NA
SB-394-0203	SB-394	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.6	NA	NA	NA
SB-394-0405	SB-394	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.7	NA	NA	NA
SB-394-0708	SB-394	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.2	NA	NA	NA
SB-395-0102	SB-395	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.2	NA	NA	NA
SB-395-0203	SB-395	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	95.9	NA	NA	NA
SB-395-0405	SB-395	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.9	NA	NA	NA
SB-395-0708	SB-395	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87	NA	NA	NA
SB-396-0102	SB-396	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.5	NA	NA	NA
SB-396-0203	SB-396	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86	NA	NA	NA
SB-396-0405	SB-396	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.8	NA	NA	NA
SB-396-0708	SB-396	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.8	NA	NA	NA
SB-397-0102	SB-397	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	95.1	NA	NA	NA
SB-397-0203	SB-397	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.4	NA	NA	NA
SB-397-0405	SB-397	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	95.1	NA	NA	NA
SB-397-0708	SB-397	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.2	NA	NA	NA
SB-398-0102	SB-398	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.9	NA	NA	NA
SB-398-0203	SB-398	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86	NA	NA	NA
SB-398-0405	SB-398	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.4	NA	NA	NA
SB-398-0708	SB-398	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.3	NA	NA	NA
SB-399-0102	SB-399	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.8	NA	NA	NA
SB-399-0203	SB-399	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.9	NA	NA	NA
SB-399-0405	SB-399	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.5	NA	NA	NA
SB-399-0708	SB-399	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.3	NA	NA	NA
SB-400-0102	SB-400	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.6	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units Target Cancer Risk Level	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	% NA	% NA	MG/KG NA	S.U. NA
SB-400-0203	SB-400	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	92.1	NA	NA	NA
SB-400-0405	SB-400	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.1	NA	NA	NA
SB-400-0708	SB-400	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.3	NA	NA	NA
SB-401-0102	SB-401	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.7	NA	NA	NA
SB-401-0203	SB-401	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.3	NA	NA	NA
SB-401-0405	SB-401	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.1	NA	NA	NA
SB-401-0708	SB-401	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86	NA	NA	NA
SB-402-0102	SB-402	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.9	NA	NA	NA
SB-402-0203	SB-402	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.7	NA	NA	NA
SB-402-0405	SB-402	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.6	NA	NA	NA
SB-402-0708	SB-402	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.1	NA	NA	NA
SB-403-0102	SB-403	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.6	NA	NA	NA
SB-403-0203	SB-403	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.4	NA	NA	NA
SB-403-0405	SB-403	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.7	NA	NA	NA
SB-403-0708	SB-403	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.5	NA	NA	NA
SB-404-0102	SB-404	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.6	NA	NA	NA
SB-404-0203	SB-404	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.2	NA	NA	NA
SB-404-0405	SB-404	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78	NA	NA	NA
SB-404-0708	SB-404	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.5	NA	NA	NA
SB-405-0102	SB-405	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	91.3	NA	NA	NA
SB-405-0203	SB-405	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.3	NA	NA	NA
SB-405-0405	SB-405	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.3	NA	NA	NA
SB-405-0708	SB-405	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.4	NA	NA	NA
SB-406-0102	SB-406	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.2	NA	NA	NA
SB-406-0203	SB-406	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.5	NA	NA	NA
SB-406-0405	SB-406	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.9	NA	NA	NA
SB-406-0708	SB-406	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.3	NA	NA	NA
SB-407-0102	SB-407	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.6	NA	NA	NA
SB-407-0203	SB-407	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.1	NA	NA	NA
SB-407-0405	SB-407	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.7	NA	NA	NA
SB-407-0708	SB-407	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	72.7	NA	NA	NA
SB-408-0102	SB-408	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.8	NA	NA	NA
SB-408-0203	SB-408	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.8	NA	NA	NA
SB-408-0405	SB-408	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.1	NA	NA	NA
SB-408-0708	SB-408	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.1	NA	NA	NA
SB-409-0102	SB-409	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.6	NA	NA	NA
SB-409-0203	SB-409	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.6	NA	NA	NA
SB-409-0405	SB-409	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.5	NA	NA	NA
SB-409-0708	SB-409	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.5	NA	NA	NA
SB-489-0102	SB-489	1	2	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.8	NA	NA	NA
SB-489-0203	SB-489	2	3	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.3	NA	NA	NA
SB-489-0405	SB-489	4	5	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.3	NA	NA	NA
SB-489-0708	SB-489	7	8	20071016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.3	NA	NA	NA
SB-490-0405	SB-490	4	5	20071017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.4	NA	NA	NA
SB-490-0708	SB-490	7	8	20071017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86.6	NA	NA	NA
F-SB-55RE-10	SB-055	10	10	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-55RE-11	SB-055	11	11	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-1	SB-056	1	1	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-10	SB-056	10	10	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-11	SB-056	11	11	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-12	SB-056	12	12	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-13	SB-056	13	13	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units Target Cancer Risk Level	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	% NA	% NA	MG/KG NA	S.U. NA
F-SB-56RE-13-	SB-056	13	13	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-13-	SB-056	13	13	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-14	SB-056	14	14	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-15	SB-056	15	15	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-2	SB-056	2	2	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-3	SB-056	3	3	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-4	SB-056	4	4	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-5	SB-056	5	5	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-6	SB-056	6	6	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-7	SB-056	7	7	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-8	SB-056	8	8	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-56RE-9	SB-056	9	9	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-1	SB-095	1	1	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-10	SB-095	10	10	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-11	SB-095	11	11	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-12	SB-095	12	12	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-13	SB-095	13	13	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-13-	SB-095	13	13	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-13-	SB-095	13	13	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-14	SB-095	14	14	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-15	SB-095	15	15	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-2	SB-095	2	2	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-3	SB-095	3	3	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-4	SB-095	4	4	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-5	SB-095	5	5	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-6	SB-095	6	6	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-7	SB-095	7	7	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-8	SB-095	8	8	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-95RE-9	SB-095	9	9	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-383RE-3	SB-383	3	3	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-383RE-4	SB-383	4	4	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-389RE-3	SB-389	3	3	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-389RE-4	SB-389	4	4	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-390RE-6	SB-390	6	6	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-390RE-7	SB-390	7	7	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-628-10	SB-628	10	10	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-628-11	SB-628	11	11	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-629-10	SB-629	10	10	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-629-11	SB-629	11	11	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-630-10	SB-630	10	10	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-630-11	SB-630	11	11	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-631-10	SB-631	10	10	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-631-11	SB-631	11	11	20090918	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-1	SB-093	1	1	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-10	SB-093	10	10	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-11	SB-093	11	11	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-12	SB-093	12	12	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-13	SB-093	13	13	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-14	SB-093	14	14	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-2	SB-093	2	2	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-3	SB-093	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-4	SB-093	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units Target Cancer Risk Level	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	% NA	% NA	MG/KG NA	S.U. NA
F-SB-93RE-5	SB-093	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-6	SB-093	6	6	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-7	SB-093	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-8	SB-093	8	8	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-93RE-9	SB-093	9	9	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-1	SB-094	1	1	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-10	SB-094	10	10	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-11	SB-094	11	11	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-12	SB-094	12	12	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-12-	SB-094	12	12	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-12-	SB-094	12	12	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-13	SB-094	13	13	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-14	SB-094	14	14	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-15	SB-094	15	15	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-2	SB-094	2	2	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-3	SB-094	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-4	SB-094	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-5	SB-094	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-6	SB-094	6	6	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-7	SB-094	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-8	SB-094	8	8	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-94RE-9	SB-094	9	9	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-1	SB-096	1	1	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-10	SB-096	10	10	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-11	SB-096	11	11	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-11-	SB-096	11	11	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-11-	SB-096	11	11	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-12	SB-096	12	12	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-13	SB-096	13	13	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-14	SB-096	14	14	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-15	SB-096	15	15	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-2	SB-096	2	2	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-3	SB-096	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-4	SB-096	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-5	SB-096	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-6	SB-096	6	6	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-7	SB-096	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-8	SB-096	8	8	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-96RE-9	SB-096	9	9	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-265RE-3	SB-265	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-265RE-4	SB-265	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-266RE-3	SB-266	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-266RE-4	SB-266	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-267RE-3	SB-267	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-267RE-4	SB-267	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-3	SB-268	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-4	SB-268	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-5	SB-268	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-6	SB-268	6	6	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-7	SB-268	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-7-	SB-268	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-7-	SB-268	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-269RE-3	SB-269	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units Target Cancer Risk Level	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	% NA	% NA	MG/KG NA	S.U. NA
F-SB-269RE-4	SB-269	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-270RE-3	SB-270	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-270RE-4	SB-270	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-388RE-3	SB-388	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-388RE-4	SB-388	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-388RE-5	SB-388	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-393RE-3	SB-393	3	3	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-393RE-4	SB-393	4	4	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-393RE-5	SB-393	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-393RE-5-	SB-393	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-393RE-5-	SB-393	5	5	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-393RE-6	SB-393	6	6	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-393RE-7	SB-393	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-397RE-6	SB-397	6	6	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-397RE-7	SB-397	7	7	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-624-1	SB-624	1	1	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.035	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-624-2	SB-624	2	2	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-625-1	SB-625	1	1	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-625-2	SB-625	2	2	20090921	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-24ARE-1	SB-024A	1	1	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-24ARE-2	SB-024A	2	2	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-24ARE-3	SB-024A	3	3	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.086	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-24ARE-4	SB-024A	4	4	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.083	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-24ARE-5	SB-024A	5	5	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-405RE-	SB-405	10	10	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-405RE-	SB-405	11	11	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-405RE-	SB-405	12	12	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-405RE-	SB-405	13	13	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-405RE-	SB-405	13	13	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-405RE-	SB-405	13	13	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-405RE-9	SB-405	9	9	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626-1	SB-626	1	1	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626-2	SB-626	2	2	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626-3	SB-626	3	3	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626-4	SB-626	4	4	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626-5	SB-626	5	5	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-627-1	SB-627	1	1	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.31 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-627-2	SB-627	2	2	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.38 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-632-10	SB-632	10	10	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-632-9	SB-632	9	9	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-633-10	SB-633	10	10	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-633-9	SB-633	9	9	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-634-10	SB-634	10	10	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-634-9	SB-634	9	9	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635-10	SB-635	10	10	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635-10-	SB-635	10	10	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635-10-D	SB-635	10	10	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635-11	SB-635	11	11	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635-12	SB-635	12	12	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635-13	SB-635	13	13	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635-9	SB-635	9	9	20090922	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-	SB-268	10	10	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-268RE-	SB-268	11	11	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																	MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH	
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	%	MG/KG
Target Cancer Risk Level	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
F-SB-268RE-8	SB-268	8	8	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-268RE-9	SB-268	9	9	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641-1	SB-641	1	1	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641-3	SB-641	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641-5	SB-641	5	5	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-645-1	SB-645	1	1	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-645-3	SB-645	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-645-5	SB-645	5	5	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-645-7	SB-645	7	7	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-646-1	SB-646	1	1	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-646-3	SB-646	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-646-3-	SB-646	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-646-3-D	SB-646	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-646-5	SB-646	5	5	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-646-7	SB-646	7	7	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-647-1	SB-647	1	1	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-647-3	SB-647	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-647-5	SB-647	5	5	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-647-7	SB-647	7	7	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-648-1	SB-648	1	1	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-648-3	SB-648	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-648-5	SB-648	5	5	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-648-7	SB-648	7	7	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-649-1	SB-649	1	1	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-649-3	SB-649	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-649-5	SB-649	5	5	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-650-1	SB-650	1	1	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-650-3	SB-650	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-650-3-	SB-650	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-650-3-D	SB-650	3	3	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-650-5	SB-650	5	5	20091006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636-1	SB-636	1	1	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636-3	SB-636	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636-3-	SB-636	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636-3-D	SB-636	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636-5	SB-636	5	5	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-637-1	SB-637	1	1	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-637-3	SB-637	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-637-5	SB-637	5	5	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-638-1	SB-638	1	1	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-638-3	SB-638	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-638-3-	SB-638	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-638-3-D	SB-638	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-638-5	SB-638	5	5	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-639-1	SB-639	1	1	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-639-3	SB-639	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-639-5	SB-639	5	5	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-640-1	SB-640	1	1	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-640-3	SB-640	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-640-5	SB-640	5	5	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-651-1	SB-651	1	1	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																	MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH	
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	%	MG/KG
Target Cancer Risk Level	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-651-3	SB-651	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-651-5	SB-651	5	5	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-652-1	SB-652	1	1	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-652-3	SB-652	3	3	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-652-5	SB-652	5	5	20091007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-1	SB-643	1	1	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-11	SB-643	11	11	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-13	SB-643	13	13	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-15	SB-643	15	15	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-3	SB-643	3	3	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-5	SB-643	5	5	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-7	SB-643	7	7	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643-9	SB-643	9	9	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-1	SB-644	1	1	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-11	SB-644	11	11	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-13	SB-644	13	13	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-15	SB-644	15	15	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-3	SB-644	3	3	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-3-	SB-644	3	3	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-3-D	SB-644	3	3	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-5	SB-644	5	5	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-7	SB-644	7	7	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-644-9	SB-644	9	9	20091016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-268RE-	SB-268	12	12	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-268RE-	SB-268	13	13	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-268RE-	SB-268	14	14	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-268RE-	SB-268	15	15	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636-7	SB-636	7	7	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636-9	SB-636	9	9	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-1	SB-642	1	1	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-11	SB-642	11	11	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-13	SB-642	13	13	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-15	SB-642	15	15	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-3	SB-642	3	3	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-3-	SB-642	3	3	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-3-D	SB-642	3	3	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-5	SB-642	5	5	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-7	SB-642	7	7	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642-9	SB-642	9	9	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-652-7	SB-652	7	7	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-652-9	SB-652	9	9	20091019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-635C-1	SB-635C	1	1	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-635C-11	SB-635C	11	11	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-635C-3	SB-635C	3	3	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-635C-5	SB-635C	5	5	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-635C-7	SB-635C	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-635C-7-	SB-635C	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-635C-7-D	SB-635C	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641A-1	SB-641A	1	1	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641A-3	SB-641A	3	3	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641B-1	SB-641B	1	1	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641B-3	SB-641B	3	3	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641C-1	SB-641C	1	1	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																	MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH	
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	%	MG/KG
Target Cancer Risk Level	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-641C-3	SB-641C	3	3	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-1	SB-642A	1	1	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-11	SB-642A	11	11	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-13	SB-642A	13	13	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-15	SB-642A	15	15	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-3	SB-642A	3	3	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-5	SB-642A	5	5	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-7	SB-642A	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642A-9	SB-642A	9	9	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-1	SB-642B	1	1	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-11	SB-642B	11	11	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-13	SB-642B	13	13	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-15	SB-642B	15	15	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-3	SB-642B	3	3	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-5	SB-642B	5	5	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-7	SB-642B	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642B-9	SB-642B	9	9	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-1	SB-642C	1	1	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-11	SB-642C	11	11	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-13	SB-642C	13	13	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-15	SB-642C	15	15	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-3	SB-642C	3	3	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-5	SB-642C	5	5	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-7	SB-642C	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-7-	SB-642C	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-7-D	SB-642C	7	7	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-642C-9	SB-642C	9	9	20091104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636A-1	SB-636A	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636A-3	SB-636A	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636A-5	SB-636A	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636A-7	SB-636A	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636A-7-	SB-636A	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636A-7-D	SB-636A	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636B-1	SB-636B	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636B-3	SB-636B	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636B-5	SB-636B	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636B-7	SB-636B	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636C-1	SB-636C	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636C-3	SB-636C	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636C-5	SB-636C	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636C-7	SB-636C	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636D-1	SB-636D	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636D-3	SB-636D	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636D-5	SB-636D	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-636D-7	SB-636D	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-1	SB-643B	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-11	SB-643B	11	11	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-13	SB-643B	13	13	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-15	SB-643B	15	15	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-3	SB-643B	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-5	SB-643B	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-7	SB-643B	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
F-SB-643B-7-	SB-643B	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units Target Cancer Risk Level	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	MG/KG NA	% NA	% NA	MG/KG NA	S.U. NA
F-SB-643B-7-D	SB-643B	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643B-9	SB-643B	9	9	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-1	SB-643C	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-11	SB-643C	11	11	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-13	SB-643C	13	13	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-15	SB-643C	15	15	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-3	SB-643C	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-5	SB-643C	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-7	SB-643C	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-643C-9	SB-643C	9	9	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645A-1	SB-645A	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645A-3	SB-645A	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645B-1	SB-645B	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645B-3	SB-645B	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645B-3-	SB-645B	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645B-3-D	SB-645B	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645C-1	SB-645C	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-645C-3	SB-645C	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-647A-1	SB-647A	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-647A-3	SB-647A	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-647B-1	SB-647B	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-647B-3	SB-647B	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-647C-1	SB-647C	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-647C-3	SB-647C	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652A-1	SB-652A	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652A-3	SB-652A	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652A-5	SB-652A	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652A-7	SB-652A	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652B-1	SB-652B	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652B-3	SB-652B	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652B-5	SB-652B	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652B-7	SB-652B	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652C-1	SB-652C	1	1	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652C-3	SB-652C	3	3	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652C-5	SB-652C	5	5	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-652C-7	SB-652C	7	7	20091105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637B-1	SB-637B	1	1	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637B-3	SB-637B	3	3	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637B-5	SB-637B	5	5	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637B-5-	SB-637B	5	5	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637B-5-D	SB-637B	5	5	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637C-1	SB-637C	1	1	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637C-3	SB-637C	3	3	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-637C-5	SB-637C	5	5	20091106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635D-1	SB-635D	1	1	20091110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635D-11	SB-635D	11	11	20091110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635D-5	SB-635D	5	5	20091110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635D-7	SB-635D	7	7	20091110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-635D-9	SB-635D	9	9	20091110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626B-(-1-	SB-626B	1	4	20091111	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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SAMPLE ID	LOCATION ID	TOP DEPTH	BOTTOM DEPTH	SAMPLE DATE	METALS (MG/KG)																MISCELLANEOUS PARAMETERS			
					ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	VANADIUM	ZINC	PERCENT SOLIDS	TOTAL SOLIDS	HEXAVALENT CHROMIUM	PH
				Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	%	%	MG/KG	S.U.
				Target Cancer Risk Level	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626C-1	SB-626C	1	1	20091111	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626C-3	SB-626C	3	3	20091111	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626D-1	SB-626D	1	1	20091111	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626D-3	SB-626D	3	3	20091111	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626D-3-	SB-626D	3	3	20091111	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-626D-3-D	SB-626D	3	3	20091111	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-797-03	SB-797	3	3	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-797-05	SB-797	5	5	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-797-SS	SB-797	1	1	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-798-03	SB-798	3	3	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-798-03-	SB-798	3	3	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-798-03-D	SB-798	3	3	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-798-05	SB-798	5	5	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-798-SS	SB-798	1	1	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-799-03	SB-799	3	3	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-799-05	SB-799	5	5	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-799-SS	SB-799	1	1	20100820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-800-03	SB-800	3	3	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-800-05	SB-800	5	5	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-800-05-	SB-800	5	5	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-800-05-D	SB-800	5	5	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-800-SS	SB-800	1	1	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-801-03	SB-801	3	3	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.68 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-801-05	SB-801	5	5	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-801-SS	SB-801	1	1	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-802-03	SB-802	3	3	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.89 L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-802-05	SB-802	5	5	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F-SB-802-SS	SB-802	1	1	20100910	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCOR-1254	AROCOR-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09.C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
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NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	220	220	NA	220 J	NA	NA
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NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	33	33	NA	33 J	NA	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	9.7	9.7	NA	9.7 J	NA	NA
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APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCLO-1254	AROCLO-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09-C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	NA	--	NA	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	NA	--	NA	NA
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NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	37	37	NA	37 J	NA	NA
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NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	72	72	NA	72 J	NA	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	36	36	NA	36 J	NA	NA
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APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCOR-1254	AROCOR-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09.C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	57.888	57.888	25	27	42	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.766	17.016	12	13	18	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.368	35.568	24	26	41	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	2.52555	0.87	--	--	8.7	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7604.4	7604.4	5700	5200	6500	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	744.98	744.98	550	520	580	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	298.31	298.31	220	210	280	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1375.85	1375.85	1000	980	1200	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	708.9	708.9	490 J	510 J	590 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1875.95	1875.95	1395	1305	1595	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3043	3043	2300 J	2100 J	2600 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA

APPENDIX B
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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCOR-1254	AROCOR-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09.C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.45	329.45	230	230	270	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.166	28.416	21 J	22 J	29 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.826	43.076	33	33.5	40.5	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	58.486	57.736	45 J	45 J	52 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.547	35.797	27	28	34	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.798	24.048	18	19	21	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.281	29.431	31	22	30	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.653	43.753	52	31	45	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.5255	12.514	12	9.5	18	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.706	51.406	35 J	37 J	59 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.953	26.303	17.925	19.1	30.05	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2581.5	2577.4	3000	1900	2900	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64.8	64	79	40	120	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.65555	1	--	--	10	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.9771	1.1	--	--	11	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.255	16.855	15.775	12.875	17.35	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.76	32.96	31 J	25 J	34 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.65605	1.95	8.5	--	11	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.619	26.819	21	20	23	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	275.61	274.81	220	210	310	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	441.3315	441.29	340	280	450	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94.266	94.258	67	62	93	NA

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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCOR-1254	AROCOR-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09.C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8109	3.9529	3.4 J	3.1 J	3.2 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	115.678	115.67	87	75	110	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1363.848	1363.84	960	860	1300	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.4024	6.5444	4.9 J	4.7 J	8.1	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26715.05	26715	18000	17000	28000	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.9628	6.0543	4.9 J	4.4 J	8.7	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2847	0.266	--	--	1.7 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2862	0.19	--	--	1.9 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.721	22.713	13	15	24	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	284.2195	284.18	160	180	300	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1202	3.1	--	3.1 J	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	163.09	163.09	130	110	140	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	115.8	115.8	65 J	77	91	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	101.126	101.126	51.5	65	85	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	86.452	86.452	38 J	53	79	NA
NA	--	27 J	27	NA	NA	NA	NA	NA	NA	NA	NA	315.41	315.41	230	220	290	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	1185.74	1185.74	900	820	1100	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	3.7015	2.001	8.9	--	11	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	68.15	67.35	54	51	79	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	78.536	77.786	62	59	88	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	2.43555	0.78	--	--	7.8	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	73.797	73.047	52	55	88	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	13.7284	12.9689	8.8	9.9	13	NA

APPENDIX B
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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCOR-1254	AROCOR-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09-C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	342.45	342.45	260	230	330	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	33.415	32.615	23	25	35	NA
NA	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	390.77	390.77	300	260	330	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	708.4	708.4	360	490	630	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	225.34	225.34	140	160	180	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	69.594	69.594	39	47	58	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.963	16.113	14	13	17	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6440.9	6440.9	4500	4400	5600	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.264	13.414	11	11	13	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.616	21.816	17	17	20	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1495.18	1495.18	1100	1000	1200	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	191.16	191.16	110	130	170	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.939	27.139	18	21	28	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.59	26.84	19	21	26	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	576.55	576.55	350	410	500	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1266.69	1266.69	760	870	1200	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.21	25.46	18	20	21	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.592	26.842	18	21	26	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.006	51.206	55 J	36 J	75 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	135.308	134.908	122.5	88	187.5	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	218.61	218.61	190 J	140 J	300 J	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.373	40.623	31	32	38	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	289.14	289.14	190	200	290	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9111.3	9111.3	7400	6300	8900	NA

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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCOR-1254	AROCOR-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09.C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.3183	11.4183	9.1	9.5	10	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	201.22	201.22	130	140	180	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.80555	8.9	--	7.8	11	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.737	0.012	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.58555	0.83	--	--	8.3	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7120.2	7120.2	5700	4800	7000	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	389.77	389.77	310	260	350	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38.412	37.662	24	30	29	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6756.9	6756.9	4900	4700	6200	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.561	32.711	29	25	35	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	118.119	118.119	77	70	110	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.329	24.479	18	18	36	NA
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APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCOR-1254	AROCOR-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09.C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	269.13	269.13	180	170	230	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.06605	2.3	--	--	23	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89.406	89.406	48	51	75	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110.918	110.918	68	66	96	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	112.462	112.462	79	78	110	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	369.44	369.44	260	240	330	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3838.4	3838.4	2500	2600	3100	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	283.14	283.14	170	180	240	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5140.3	5140.3	3400	3500	4500	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	58.981	58.981	26	30	54	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	228.02	228.02	150	150	200	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2075.2	2075.2	1700	1400	1900	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.2071	19.4981	11	16	8.9	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.49	23.6	11	21	14	NA
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PESTICIDES/PCBS (UG/KG)				PETROLEUM HYDROCARBONS (UG/KG)													
MERCURY (METHYL)	AROCLO-1254	AROCLO-1260	TOTAL AROCLOR	DIESEL RANGE ORGANICS	GASOLINE RANGE ORGANICS	TPH (C09-C36)	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BAP EQUIVALENT-HALFND	BAP EQUIVALENT-POS	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	10000	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2890	2890	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--
NA	NA	NA	NA	NA	NA	NA	--	--	15	--	47	258.37	258.37	170	180	200	120
NA	NA	NA	NA	NA	NA	NA	55	46	340	--	680	3496.4	3496.4	2300	2400	2800	1700
NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	20.624	18.724	12	15	16	11
NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	11.187	10.237	6.875	8.375	8.875	6.375
NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--
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NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	13.0855	10.921	8.1	9	11	--
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APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2- CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3- CHRYSENES/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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--	NA	NA	NA	NA	NA	NA	--	--	57 J	--	--	--
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57 J	NA	NA	NA	NA	NA	NA	77 J	--	170 J	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
37 J	NA	NA	NA	NA	NA	NA	55 J	--	84 J	--	--	--
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
160 J	NA	NA	NA	NA	NA	NA	250 J	--	490	--	110 J	--
110 J	NA	NA	NA	NA	NA	NA	130 J	--	270 J	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
1500 J	NA	NA	NA	NA	NA	NA	2300 J	--	3400 J	--	820 J	--
450	NA	NA	NA	NA	NA	NA	660	--	1500	110 J	270 J	--
940	NA	NA	NA	NA	NA	NA	1200	--	2700	200 J	590	58 J
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
1000 J	NA	NA	NA	NA	NA	NA	1100 J	--	2000 J	--	360 J	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
1600	NA	NA	NA	NA	NA	NA	1700	75 J	3300	130 J	990	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENE/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENE/ANTHRACENES	C2- CHRYSENE/BENZO(A)ANTHRACENES	C2-PHENANTHRENE/ANTHRACENES	C3- CHRYSENE/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA									

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2- CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3- CHRYSENES/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
23000	NA	NA	NA	NA	NA	NA	33000	--	NA	NA	20000	NA
11	NA	NA	NA	NA	NA	NA	20	--	NA	NA	23	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	14	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
36 J	NA	NA	NA	NA	NA	NA	55 J	--	NA	NA	21 J	NA
133	NA	NA	NA	NA	NA	NA	222.5	25.925	NA	NA	115.5	NA
230 J	NA	NA	NA	NA	NA	NA	390 J	51 J	NA	NA	210 J	NA
32	NA	NA	NA	NA	NA	NA	60	--	NA	NA	23	NA
16	NA	NA	NA	NA	NA	NA	25	--	NA	NA	14	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
32	NA	NA	NA	NA	NA	NA	48	--	NA	NA	43	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
390	NA	NA	NA	NA	NA	NA	860	120	NA	NA	460	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	22	--	NA	NA	21	NA
--	NA	NA	NA	NA	NA	NA	12	--	NA	NA	17	NA
46	NA	NA	NA	NA	NA	NA	100	30	NA	NA	66	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA

APPENDIX B

BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA

ALL BLOCK F SOIL SAMPLES

MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENE/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2- CHRYSENE/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3- CHRYSENE/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13	NA	NA	NA	NA	NA	NA	29	--	NA	NA	23	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
91	NA	NA	NA	NA	NA	NA	150	19	NA	NA	81	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
24	NA	NA	NA	NA	NA	NA	73	25	NA	NA	36	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
9.2	NA	NA	NA	NA	NA	NA	11	9.8	NA	NA	10	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
250	NA	NA	NA	NA	NA	NA	340	67	NA	NA	250	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
24	NA	NA	NA	NA	NA	NA	30	--	NA	NA	16	NA
16	NA	NA	NA	NA	NA	NA	28	21	NA	NA	30	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
9.2	NA	NA	NA	NA	NA	NA	14	--	NA	NA	9.1	NA
14	NA	NA	NA	NA	NA	NA	28	--	NA	NA	29	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
2900	NA	NA	NA	NA	NA	NA	5400	860	NA	NA	2900	NA
350	NA	NA	NA	NA	NA	NA	480	79	NA	NA	290	NA
110	NA	NA	NA	NA	NA	NA	210	26	NA	NA	110	NA
600	NA	NA	NA	NA	NA	NA	850	120	NA	NA	490	NA
340 J	NA	NA	NA	NA	NA	NA	500 J	61 J	NA	NA	260 J	NA
720	NA	NA	NA	NA	NA	NA	1250	190.5	NA	NA	730	NA
1100 J	NA	NA	NA	NA	NA	NA	2000 J	320 J	NA	NA	1200 J	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENE/ANTHRACENES	C2- CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENE/ANTHRACENES	C3- CHRYSENES/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
120	NA	NA	NA	NA	NA	NA	250	36	NA	NA	120	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
9.5 J	NA	NA	NA	NA	NA	NA	21 J	--	NA	NA	13 J	NA
19.25	NA	NA	NA	NA	NA	NA	33.5	--	NA	NA	20	NA
29 J	NA	NA	NA	NA	NA	NA	46 J	--	NA	NA	27 J	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
17	NA	NA	NA	NA	NA	NA	27	--	NA	NA	15	NA
13	NA	NA	NA	NA	NA	NA	18	--	NA	NA	10	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
20	NA	NA	NA	NA	NA	NA	31	--	NA	NA	11	NA
20	NA	NA	NA	NA	NA	NA	53	--	NA	NA	28	NA
--	NA	NA	NA	NA	NA	NA	14	--	NA	NA	--	NA
17	NA	NA	NA	NA	NA	NA	36 J	--	NA	NA	48 J	NA
9.275	NA	NA	NA	NA	NA	NA	18.4	--	NA	NA	24.675	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
1300	NA	NA	NA	NA	NA	NA	4400	--	NA	NA	700	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
59	NA	NA	NA	NA	NA	NA	110	--	NA	NA	34	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
7	NA	NA	NA	NA	NA	NA	15.275	--	NA	NA	6.95	NA
13 J	NA	NA	NA	NA	NA	NA	30 J	--	NA	NA	13 J	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
10	NA	NA	NA	NA	NA	NA	19	--	NA	NA	23	NA
150	NA	NA	NA	NA	NA	NA	310	--	NA	NA	100	NA
--	NA	NA	NA	NA	NA	NA	290	62	NA	NA	200	NA
--	NA	NA	NA	NA	NA	NA	58	12	NA	NA	42	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2- CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3- CHRYSENES/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	2.9 J	--	NA	NA	1.9 J	NA
--	NA	NA	NA	NA	NA	NA	70	16	NA	NA	49	NA
--	NA	NA	NA	NA	NA	NA	840	210	NA	NA	670	NA
--	NA	NA	NA	NA	NA	NA	4.4 J	--	NA	NA	5.4 J	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	15000	4000	NA	NA	11000	NA
--	NA	NA	NA	NA	NA	NA	4.3 J	--	NA	NA	2.9 J	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	0.96 J	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	13	2.8 J	NA	NA	12	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
58	NA	NA	NA	NA	NA	NA	110	19	NA	NA	64	NA
40 J	NA	NA	NA	NA	NA	NA	100 J	17	NA	NA	57	NA
30	NA	NA	NA	NA	NA	NA	76	17	NA	NA	51	NA
20 J	NA	NA	NA	NA	NA	NA	52 J	17	NA	NA	45	NA
120	NA	NA	NA	NA	NA	NA	210	29	NA	NA	130	NA
390	NA	NA	NA	NA	NA	NA	840	120	NA	NA	410	NA
--	NA	NA	NA	NA	NA	NA	11	--	NA	NA	--	NA
28	NA	NA	NA	NA	NA	NA	70	--	NA	NA	27	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
32	NA	NA	NA	NA	NA	NA	66	--	NA	NA	34	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
29	NA	NA	NA	NA	NA	NA	57	--	NA	NA	37	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	8.9	--	NA	NA	8.8	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2- CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3- CHRYSENES/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
120	NA	NA	NA	NA	NA	NA	250	38	NA	NA	140	NA
9	NA	NA	NA	NA	NA	NA	25	--	NA	NA	17	NA
150	NA	NA	NA	NA	NA	NA	270	51	NA	NA	150	NA
300	NA	NA	NA	NA	NA	NA	400	87	NA	NA	290	NA
110	NA	NA	NA	NA	NA	NA	140	23	NA	NA	91	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
25	NA	NA	NA	NA	NA	NA	44	9.4	NA	NA	32	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	13	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
2700	NA	NA	NA	NA	NA	NA	3900	720	NA	NA	2800	NA
--	NA	NA	NA	NA	NA	NA	14	--	NA	NA	--	NA
11	NA	NA	NA	NA	NA	NA	16	--	NA	NA	9.9	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
620	NA	NA	NA	NA	NA	NA	980	200	NA	NA	580	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
73	NA	NA	NA	NA	NA	NA	130	24	NA	NA	83	NA
12	NA	NA	NA	NA	NA	NA	19	--	NA	NA	14	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
12	NA	NA	NA	NA	NA	NA	20	--	NA	NA	12	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
220	NA	NA	NA	NA	NA	NA	350	54	NA	NA	250	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
390	NA	NA	NA	NA	NA	NA	790	150	NA	NA	460	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
14	NA	NA	NA	NA	NA	NA	20	--	NA	NA	14	NA
12	NA	NA	NA	NA	NA	NA	22	--	NA	NA	13	NA
24 J	NA	NA	NA	NA	NA	NA	66 J	--	NA	NA	19 J	NA
59	NA	NA	NA	NA	NA	NA	168	11.4	NA	NA	41.5	NA
94 J	NA	NA	NA	NA	NA	NA	270 J	22	NA	NA	64 J	NA
19	NA	NA	NA	NA	NA	NA	33	--	NA	NA	15	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
95	NA	NA	NA	NA	NA	NA	190	30	NA	NA	100	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
3500	NA	NA	NA	NA	NA	NA	6300	840	NA	NA	3000	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENE/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENE/ANTHRACENES	C2- CHRYSENE/BENZO(A)ANTHRACENES	C2-PHENANTHRENE/ANTHRACENES	C3- CHRYSENE/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
40	NA	NA	NA	NA	NA	NA	48	--	NA	NA	24	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	8.3	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
89	NA	NA	NA	NA	NA	NA	130	21	NA	NA	82	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	12	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
130	NA	NA	NA	NA	NA	NA	300	53	NA	NA	160	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
540	NA	NA	NA	NA	NA	NA	890	200	NA	NA	570	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
2500	NA	NA	NA	NA	NA	NA	5200	750	NA	NA	2700	NA
150	NA	NA	NA	NA	NA	NA	270	48	NA	NA	140	NA
14	NA	NA	NA	NA	NA	NA	22	--	NA	NA	22	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
2200	NA	NA	NA	NA	NA	NA	4900	660	NA	NA	2600	NA
8.6	NA	NA	NA	NA	NA	NA	25	--	NA	NA	12	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
32	NA	NA	NA	NA	NA	NA	99	25	NA	NA	40	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
12	NA	NA	NA	NA	NA	NA	19	--	NA	NA	9.4	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENES/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENE/ANTHRACENES	C2- CHRYSENES/BENZO(A)ANTHRACENES	C2-PHENANTHRENE/ANTHRACENES	C3- CHRYSENES/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
97	NA	NA	NA	NA	NA	NA	160	47	NA	NA	100	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
26	NA	NA	NA	NA	NA	NA	46	23	NA	NA	28	NA
45	NA	NA	NA	NA	NA	NA	68	24	NA	NA	40	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
47	NA	NA	NA	NA	NA	NA	92	11	NA	NA	40	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
120	NA	NA	NA	NA	NA	NA	240	55	NA	NA	140	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
1600	NA	NA	NA	NA	NA	NA	2400	500	NA	NA	1600	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
97	NA	NA	NA	NA	NA	NA	170	49	NA	NA	120	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
1700	NA	NA	NA	NA	NA	NA	3300	620	NA	NA	2100	NA
15	NA	NA	NA	NA	NA	NA	31	19	NA	NA	18	NA
96	NA	NA	NA	NA	NA	NA	160	33	NA	NA	89	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
190	NA	NA	NA	NA	NA	NA	350	65	NA	NA	200	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
8.4	NA	NA	NA	NA	NA	NA	15	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
2800	NA	NA	NA	NA	NA	NA	5300	790	NA	NA	2600	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
870	NA	NA	NA	NA	NA	NA	1500	230	NA	NA	750	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	8.1	--	NA	NA	15	NA
8.8	NA	NA	NA	NA	NA	NA	12	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
BENZO(K)FLUORANTHENE	C1- CHRYSENE/BENZO(A)ANTHRACENES	C1-FLUORANTHENES/PYRENES	C1-PHENANTHRENES/ANTHRACENES	C2- CHRYSENE/BENZO(A)ANTHRACENES	C2-PHENANTHRENES/ANTHRACENES	C3- CHRYSENE/BENZO(A)ANTHRACENES	CHRYSENE	DIBENZO(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	NA	NA	NA	NA	NA	NA	--	--	11	--	--	--
120	--	--	--	--	--	--	170	30	400	26	100	--
1400	3700 J	5800 J	1600 J	1300 J	950 J	470 J	2400	430	4900	370	1400	140
10	NA	NA	NA	NA	NA	NA	14	--	19	--	8.1	--
5.875	NA	NA	NA	NA	NA	NA	7.3	--	10.375	--	4.925	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	11	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--
--	NA	NA	NA	NA	NA	NA	--	--	9.8	--	--	--
--	NA	NA	NA	NA	NA	NA	11	--	17	--	--	--
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	910
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	730
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	770
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
44 J	--	101	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	60 J	--	--	--	420
92 J	110 J	709	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
74 J	110 J	404	--	NA	NA	--	--	--	--	--	--	--	--	--
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	480
190 J	370 J	2320	--	NA	NA	--	--	--	--	310 J	--	--	--	--
160 J	160 J	1203	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
1600 J	4000 J	19520	--	NA	NA	--	--	--	--	--	--	--	--	--
1200	1100	7690	--	NA	NA	--	--	200 J	73	--	--	--	--	--
2200	1900	14158	--	NA	NA	--	--	380 J	130	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
1100 J	1400 J	9580	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	140 J
--	--	--	--	NA	NA	--	--	--	--	77 J	--	--	--	--
1600	2500	18435	--	NA	NA	--	--	190 J	54	--	--	53 J	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
--	--	--	--	NA	NA	--	--	--	--	--	--	--	--	--
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	9.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	450	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	9.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	9.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	211000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	269	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1235	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2201	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	301	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	132	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	296	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	64.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	571	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	159	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	731	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	328	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2287	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	159	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	189	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	75.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	162	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	29460	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2849	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1166	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	5240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2751	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	7185.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	11620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1256	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	115.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	179.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	244	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	148	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	145	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	229	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	53.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	116	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	14200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	442	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	146	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	19.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	116	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1622	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	334	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX B
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BI(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	14.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	407	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4840	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	27.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	93000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	25.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	79.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	631	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	447	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	375.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	304	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1229	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	30.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	309	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	341	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	318	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	49.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1368	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	134	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1511	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2557	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	844	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	254.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	24620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	90.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	5680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	2134	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	4620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	107	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	275	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	677.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	168	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1095	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	36240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	246	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	36.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	772	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	18.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1603	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	5140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	28650	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1528	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	141	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	26160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	134.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	453	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	112.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
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			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	984	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	297	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	407	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	457	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1385	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	14300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	1026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	19120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	193	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	878	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	1925	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	82.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	28790	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	66.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

			SEMIVOLATILES (UG/KG)											
PHENANTHRENE	PYRENE	TOTAL PAHS	2,4-DIMETHYLPHENOL	BENZOIC ACID	BENZYL ALCOHOL	BIS(2-ETHYLHEXYL)PHTHALATE	BUTYL BENZYL PHTHALATE	CARBAZOLE	DIBENZOFURAN	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	N-NITROSODIPHENYLAMINE	PHENOL
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	9.1	20.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
210	310	2098	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2600	4200	28106	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9.4	19	133.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5.575	10.375	66.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	9.1	20.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	9.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	17	81.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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APPENDIX B
BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA
ALL BLOCK F SOIL SAMPLES
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
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VOLATILES (UG/KG)																
1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	2-BUTANONE	4-ISOPROPYLTOLUENE	ACETONE	BENZENE	CARBON DISULFIDE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENES	METHYLENE CHLORIDE	NAPHTHALENE	N-BUTYLBENZENE	O-XYLENE	TOLUENE	TOTAL XYLENES	TRICHLOROFLUOROMETHANE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
--	--	--	--	40 J	--	--	--	--	--	--	--	--	--	--	NA	--
--	--	--	--	11 J	--	--	--	--	--	5 J	--	--	--	--	NA	--
--	--	--	--	28 J	--	--	--	--	--	--	--	--	--	--	NA	--
--	--	--	--	27 J	--	--	--	--	--	--	--	--	--	--	NA	--
--	--	--	--	--	--	--	--	--	--	5 J	--	--	--	--	NA	--
--	--	--	--	--	--	--	--	--	--	6 J	--	--	--	--	NA	--
--	--	6 J	--	48 J	--	--	--	--	--	--	--	--	--	--	NA	--
--	--	--	--	29 J	--	--	--	--	--	7 J	--	--	--	--	NA	--
--	--	--	--	14 J	--	--	--	--	--	6 J	--	--	--	--	NA	--
--	--	9 J	--	45 J	--	--	--	--	--	--	--	--	--	--	NA	--
--	--	--	--	16 J	--	--	--	--	--	6 J	--	--	--	--	NA	--
--	--	--	--	9 J	--	--	--	--	--	5 J	--	--	--	--	NA	--
--	--	--	--	--	--	--	--	--	--	6 J	--	--	--	--	NA	--
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--	--	--	--	89 J	--	--	--	--	--	11 B	--	--	--	--	NA	--
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APPENDIX B

BLOCK F INDUSTRIAL EXCEEDANCES OF RISK-BASED SCREENING CRITERIA

ALL BLOCK F SOIL SAMPLES

MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

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VOLATILES (UG/KG)

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APPENDIX C—PREVIOUS INVESTIGATIONS’ SOIL DATA (TABLE)

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	MRC-MW46A	MRC-MW95D	SB-022
SAMPLE ID	MRC-MW46[0910]	MRC-MW95D-SO-214	SB-22-05
SAMPLE DATE	5/24/2005	5/13/2010	11/17/2003
METALS (MG/KG)			
ANTIMONY	--	--	3 UL [--]
ARSENIC	--	--	2.9 L [--]
BARIUM	--	--	--
BERYLLIUM	--	--	3 U [--]
CADMIUM	--	--	3 U [--]
CHROMIUM	--	--	13 L [--]
COBALT	--	--	--
COPPER	--	--	10 [--]
LEAD	--	--	10 L [--]
MERCURY	--	--	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	--	--	8.9 L [--]
SELENIUM	--	--	3 UR [--]
SILVER	--	--	3 U [--]
THALLIUM	--	--	2.4 UL [--]
VANADIUM	--	--	--
ZINC	--	--	60 UJ [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	70 [--]
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	238 U [MDL=30]	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	400 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	400 U [--]
2,4,5-TRICHLOROPHENOL	--	--	1000 U [--]
2,4,6-TRICHLOROPHENOL	--	--	400 U [--]
2,4-DICHLOROPHENOL	--	--	400 U [--]
2,4-DIMETHYLPHENOL	--	--	400 U [--]
2,4-DINITROPHENOL	--	--	1000 U [--]

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	MRC-MW46A MRC-MW46[0910] 5/24/2005	MRC-MW95D MRC-MW95D-SO-214 5/13/2010	SB-022 SB-22-05 11/17/2003
2,4-DINITROTOLUENE	--	--	400 U [--]
2,6-DINITROTOLUENE	--	--	400 U [--]
2-CHLORONAPHTHALENE	--	--	400 U [--]
2-CHLOROPHENOL	--	--	400 U [--]
2-METHYLPHENOL	--	--	400 U [--]
2-NITROANILINE	--	--	1000 U [--]
2-NITROPHENOL	--	--	400 U [--]
3&4-METHYLPHENOL	--	--	400 U [--]
3,3'-DICHLOROBENZIDINE	--	--	400 U [--]
3-NITROANILINE	--	--	1000 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	--	920 U [--]
4-BROMOPHENYL PHENYL ETHER	--	--	400 U [--]
4-CHLORO-3-METHYLPHENOL	--	--	400 U [--]
4-CHLOROANILINE	--	--	400 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	--	400 U [--]
4-NITROANILINE	--	--	1000 U [--]
4-NITROPHENOL	--	--	1000 U [--]
ACETOPHENONE	--	--	400 U [--]
ANILINE	--	--	--
ATRAZINE	--	--	400 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	400 U [--]
BIS(2-CHLOROETHYL)ETHER	--	--	400 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	400 U [--]
BUTYL BENZYL PHTHALATE	--	--	400 U [--]
CAPROLACTAM	--	--	400 U [--]
CARBAZOLE	--	--	400 U [--]
DIBENZOFURAN	--	--	400 U [--]
DIETHYL PHTHALATE	--	--	400 U [--]
DIMETHYL PHTHALATE	--	--	400 U [--]
DI-N-BUTYL PHTHALATE	--	--	400 U [--]
DI-N-OCTYL PHTHALATE	--	--	400 U [--]
HEXACHLOROBENZENE	--	--	400 U [--]
HEXACHLOROBUTADIENE	--	--	400 U [--]
HEXACHLOROCYCLOPENTADIENE	--	--	400 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	MRC-MW46A	MRC-MW95D	SB-022
SAMPLE ID	MRC-MW46[0910]	MRC-MW95D-SO-214	SB-22-05
SAMPLE DATE	5/24/2005	5/13/2010	11/17/2003
HEXACHLOROETHANE	--	--	400 U [--]
ISOPHORONE	--	--	400 U [--]
NITROBENZENE	--	--	400 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	400 U [--]
N-NITROSODIPHENYLAMINE	--	--	400 U [--]
PENTACHLOROPHENOL	--	--	1000 U [--]
PHENOL	--	--	400 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	0.72 U [MDL=0.72]	6 U [--]
1,1,1-TRICHLOROETHANE	--	0.65 U [MDL=0.65]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	--	0.39 U [MDL=0.39]	6 U [--]
1,1,2-TRICHLOROETHANE	--	--	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	1.5 U [MDL=1.5]	--
1,1-DICHLOROETHANE	--	0.42 U [MDL=0.42]	6 U [--]
1,1-DICHLOROETHENE	--	0.6 U [MDL=0.6]	6 U [--]
1,1-DICHLOROPROPENE	--	0.35 U [MDL=0.35]	6 U [--]
1,2,3-TRICHLOROBENZENE	--	0.44 U [MDL=0.44]	6 U [--]
1,2,3-TRICHLOROPROPANE	--	1 U [MDL=1]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	0.2 U [MDL=0.2]	--
1,2,4-TRICHLOROBENZENE	--	0.31 U [MDL=0.31]	6 U [--]
1,2,4-TRIMETHYLBENZENE	--	0.75 U [MDL=0.75]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	--	1.5 U [MDL=1.5]	6 U [--]
1,2-DIBROMOETHANE	--	0.58 U [MDL=0.58]	6 U [--]
1,2-DICHLOROBENZENE	--	0.42 U [MDL=0.42]	6 U [--]
1,2-DICHLOROETHANE	--	0.39 U [MDL=0.39]	6 U [--]
1,2-DICHLOROPROPANE	--	0.8 U [MDL=0.8]	6 U [--]
1,3,5-TRIMETHYLBENZENE	--	--	6 U [--]
1,3-DICHLOROBENZENE	--	0.41 U [MDL=0.41]	6 U [--]
1,3-DICHLOROPROPANE	--	0.39 U [MDL=0.39]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	0.77 U [MDL=0.77]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	1.1 U [MDL=1.1]	6 U [--]
2-BUTANONE	--	27 [MDL=1.6]	60 U [--]
2-CHLOROETHYL VINYL ETHER	--	1.6 U [MDL=1.6]	6 U [--]
2-CHLOROTOLUENE	--	0.46 U [MDL=0.46]	6 U [--]

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	MRC-MW46A MRC-MW46[0910] 5/24/2005	MRC-MW95D MRC-MW95D-SO-214 5/13/2010	SB-022 SB-22-05 11/17/2003
2-HEXANONE	--	7.7 B [MDL=0.73]	60 U [--]
4-CHLOROTOLUENE	--	0.48 U [MDL=0.48]	6 U [--]
4-ISOPROPYLTOLUENE	--	0.24 U [MDL=0.24]	6 U [--]
4-METHYL-2-PENTANONE	--	0.63 U [MDL=0.63]	60 U [--]
ACETONE	--	64 B [MDL=7.3]	40 J [--]
BENZENE	--	0.52 J [MDL=0.27]	6 U [--]
BROMOBENZENE	--	0.82 U [MDL=0.82]	6 U [--]
BROMOCHLOROMETHANE	--	0.82 U [MDL=0.82]	6 U [--]
BROMODICHLOROMETHANE	--	0.33 U [MDL=0.33]	6 U [--]
BROMOFORM	--	0.38 U [MDL=0.38]	6 U [--]
BROMOMETHANE	--	0.63 U [MDL=0.63]	6 U [--]
CARBON DISULFIDE	--	0.51 U [MDL=0.51]	6 U [--]
CARBON TETRACHLORIDE	--	0.43 U [MDL=0.43]	6 U [--]
CHLOROBENZENE	--	0.38 U [MDL=0.38]	6 U [--]
CHLORODIBROMOMETHANE	--	0.64 U [MDL=0.64]	6 U [--]
CHLOROETHANE	--	1 U [MDL=1]	6 U [--]
CHLOROFORM	--	0.34 U [MDL=0.34]	6 U [--]
CHLOROMETHANE	--	0.48 U [MDL=0.48]	6 U [--]
CIS-1,2-DICHLOROETHENE	--	0.42 U [MDL=0.42]	6 U [--]
CIS-1,3-DICHLOROPROPENE	--	0.39 U [MDL=0.39]	6 U [--]
DIBROMOMETHANE	--	0.73 U [MDL=0.73]	6 U [--]
DICHLORODIFLUOROMETHANE	--	0.58 U [MDL=0.58]	6 U [--]
DIISOPROPYL ETHER	--	1.7 U [MDL=1.7]	--
ETHYL TERT-BUTYL ETHER	--	0.26 U [MDL=0.26]	--
ETHYLBENZENE	--	0.41 J [MDL=0.3]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	1.4 U [MDL=1.4]	6 U [--]
ISOPROPYLBENZENE	--	0.19 U [MDL=0.19]	6 U [--]
M+P-XYLENES	--	1.4 U [MDL=1.4]	18 U [--]
METHYL TERT-BUTYL ETHER	--	0.5 U [MDL=0.5]	6 U [--]
METHYLENE CHLORIDE	--	0.99 B [MDL=0.78]	6 U [--]
NAPHTHALENE	--	0.37 B [MDL=0.22]	6 U [--]
N-BUTYLBENZENE	--	0.35 J [MDL=0.27]	6 U [--]
N-PROPYLBENZENE	--	0.46 U [MDL=0.46]	6 U [--]
O-XYLENE	--	0.59 J [MDL=0.41]	18 U [--]
SEC-BUTYLBENZENE	--	0.21 U [MDL=0.21]	6 U [--]
STYRENE	--	0.17 U [MDL=0.17]	6 U [--]
TERT-AMYL METHYL ETHER	--	0.43 U [MDL=0.43]	--

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LOCATION SAMPLE ID SAMPLE DATE	MRC-MW46A MRC-MW46[0910] 5/24/2005	MRC-MW95D MRC-MW95D-SO-214 5/13/2010	SB-022 SB-22-05 11/17/2003
TERT-BUTYLBENZENE	--	0.34 U [MDL=0.34]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	8.8 UR [MDL=8.8]	--
TETRACHLOROETHENE	--	0.6 U [MDL=0.6]	6 U [--]
TOLUENE	--	1.6 B [MDL=0.31]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	1.5 J [MDL=0.78]	--
TRANS-1,2-DICHLOROETHENE	--	0.48 U [MDL=0.48]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	--	0.63 U [MDL=0.63]	6 U [--]
TRICHLOROETHENE	--	0.49 U [MDL=0.49]	6 U [--]
TRICHLOROFLUOROMETHANE	--	0.39 U [MDL=0.39]	6 U [--]
VINYL ACETATE	--	0.29 U [MDL=0.29]	6 U [--]
VINYL CHLORIDE	--	0.45 U [MDL=0.45]	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	400 U [--]
ACENAPHTHENE	--	--	400 U [--]
ACENAPHTHYLENE	--	--	400 U [--]
ANTHRACENE	--	--	400 U [--]
BAP EQUIVALENT-HALFND	--	--	400 U [--]
BAP EQUIVALENT-POS	--	--	400 U [--]
BAP EQUIVALENT-UCL	--	--	9.355014 [--]
BENZO(A)ANTHRACENE	--	--	400 U [--]
BENZO(A)PYRENE	--	--	400 U [--]
BENZO(B)FLUORANTHENE	--	--	400 U [--]
BENZO(G,H,I)PERYLENE	--	--	400 U [--]
BENZO(K)FLUORANTHENE	--	--	400 U [--]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	MRC-MW46A MRC-MW46[0910] 5/24/2005	MRC-MW95D MRC-MW95D-SO-214 5/13/2010	SB-022 SB-22-05 11/17/2003
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	--	400 U [--]
DIBENZO(A,H)ANTHRACENE	--	--	400 U [--]
FLUORANTHENE	--	--	400 U [--]
FLUORENE	--	--	400 U [--]
INDENO(1,2,3-CD)PYRENE	--	--	400 U [--]
NAPHTHALENE	--	--	400 U [--]
PHENANTHRENE	--	--	400 U [--]
PYRENE	--	--	400 U [--]
TOTAL PAHS	--	--	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	60 U [--]
AROCLOR-1221	--	--	60 U [--]
AROCLOR-1232	--	--	60 U [--]
AROCLOR-1242	--	--	60 U [--]
AROCLOR-1248	--	--	60 U [--]
AROCLOR-1254	--	--	60 U [--]
AROCLOR-1260	--	--	60 U [--]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	MRC-MW46A MRC-MW46[0910] 5/24/2005	MRC-MW95D MRC-MW95D-SO-214 5/13/2010	SB-022 SB-22-05 11/17/2003
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	0 U [--]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	24000 U [--]
GASOLINE RANGE ORGANICS	--	--	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-022	SB-022	SB-023
SAMPLE ID	SB-22-10	SB-22A-SS	SB-23-05
SAMPLE DATE	11/17/2003	9/15/2004	11/18/2003
METALS (MG/KG)			
ANTIMONY	2.9 UL [--]	3.0 U [--]	3 UL [--]
ARSENIC	2.7 L [--]	1.3 [--]	1.5 L [--]
BARIUM	--	--	--
BERYLLIUM	2.9 U [--]	3.0 U [--]	3 U [--]
CADMIUM	2.9 U [--]	3.0 U [--]	3 U [--]
CHROMIUM	16 L [--]	8.1 [--]	5.3 L [--]
COBALT	--	--	--
COPPER	13 [--]	4.9 K [--]	3 U [--]
LEAD	6 L [--]	3.0 U [--]	3 UL [--]
MERCURY	0.12 U [--]	0.12 U [--]	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	14 L [--]	4.6 K [--]	3.6 L [--]
SELENIUM	2.9 UR [--]	3.0 U [--]	3 UR [--]
SILVER	2.9 U [--]	3.2 U [--]	3 U [--]
THALLIUM	2.3 UL [--]	2.4 UL [--]	2.4 UL [--]
VANADIUM	--	--	--
ZINC	59 UJ [--]	30.0 U [--]	59 UJ [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	85 [--]	--	84 [--]
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	390 U [--]	430 U [--]	390 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U [--]	430 U [--]	390 U [--]
2,4,5-TRICHLOROPHENOL	980 U [--]	1100 U [--]	990 U [--]
2,4,6-TRICHLOROPHENOL	390 U [--]	430 U [--]	390 U [--]
2,4-DICHLOROPHENOL	390 U [--]	430 U [--]	390 U [--]
2,4-DIMETHYLPHENOL	390 U [--]	430 U [--]	390 U [--]
2,4-DINITROPHENOL	980 U [--]	1100 U [--]	990 U [--]

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LOCATION	SB-022	SB-022	SB-023
SAMPLE ID	SB-22-10	SB-22A-SS	SB-23-05
SAMPLE DATE	11/17/2003	9/15/2004	11/18/2003
2,4-DINITROTOLUENE	390 U [--]	430 U [--]	390 U [--]
2,6-DINITROTOLUENE	390 U [--]	430 U [--]	390 U [--]
2-CHLORONAPHTHALENE	390 U [--]	430 U [--]	390 U [--]
2-CHLOROPHENOL	390 U [--]	430 U [--]	390 U [--]
2-METHYLPHENOL	390 U [--]	430 U [--]	390 U [--]
2-NITROANILINE	980 U [--]	1100 U [--]	990 U [--]
2-NITROPHENOL	390 U [--]	430 U [--]	390 U [--]
3&4-METHYLPHENOL	390 U [--]	430 U [--]	390 U [--]
3,3'-DICHLOROBENZIDINE	390 U [--]	430 U [--]	390 U [--]
3-NITROANILINE	980 U [--]	1100 U [--]	980 U [--]
4,6-DINITRO-2-METHYLPHENOL	900 U [--]	1000 U [--]	910 U [--]
4-BROMOPHENYL PHENYL ETHER	390 U [--]	430 U [--]	390 U [--]
4-CHLORO-3-METHYLPHENOL	390 U [--]	430 U [--]	390 U [--]
4-CHLOROANILINE	390 U [--]	430 U [--]	390 U [--]
4-CHLOROPHENYL PHENYL ETHER	390 U [--]	430 U [--]	390 U [--]
4-NITROANILINE	980 U [--]	1100 U [--]	990 U [--]
4-NITROPHENOL	980 U [--]	1100 U [--]	990 U [--]
ACETOPHENONE	390 U [--]	430 U [--]	390 U [--]
ANILINE	--	--	--
ATRAZINE	390 U [--]	430 U [--]	390 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	390 U [--]	430 U [--]	390 U [--]
BIS(2-CHLOROETHYL)ETHER	390 U [--]	430 U [--]	390 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	390 U [--]	430 U [--]	390 U [--]
BUTYL BENZYL PHTHALATE	390 U [--]	430 U [--]	390 U [--]
CAPROLACTAM	390 U [--]	430 U [--]	390 U [--]
CARBAZOLE	390 U [--]	430 U [--]	390 U [--]
DIBENZOFURAN	390 U [--]	430 U [--]	390 U [--]
DIETHYL PHTHALATE	390 U [--]	430 U [--]	390 U [--]
DIMETHYL PHTHALATE	390 U [--]	430 U [--]	390 U [--]
DI-N-BUTYL PHTHALATE	390 U [--]	430 U [--]	390 U [--]
DI-N-OCTYL PHTHALATE	390 U [--]	430 U [--]	390 U [--]
HEXACHLOROBENZENE	390 U [--]	430 U [--]	390 U [--]
HEXACHLOROBUTADIENE	390 U [--]	430 U [--]	390 U [--]
HEXACHLOROCYCLOPENTADIENE	390 U [--]	430 U [--]	390 U [--]

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LOCATION	SB-022	SB-022	SB-023
SAMPLE ID	SB-22-10	SB-22A-SS	SB-23-05
SAMPLE DATE	11/17/2003	9/15/2004	11/18/2003
HEXACHLOROETHANE	390 U [--]	430 U [--]	390 U [--]
ISOPHORONE	390 U [--]	430 U [--]	390 U [--]
NITROBENZENE	390 U [--]	430 U [--]	390 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	390 U [--]	430 U [--]	390 U [--]
N-NITROSODIPHENYLAMINE	390 U [--]	430 U [--]	390 U [--]
PENTACHLOROPHENOL	980 U [--]	1100 U [--]	990 U [--]
PHENOL	390 U [--]	430 U [--]	390 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,1-TRICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,2-TRICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	7 U [--]	--
1,1-DICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1-DICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
1,1-DICHLOROPROPENE	6 U [--]	7 U [--]	6 U [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,2-DIBROMOETHANE	6 U [--]	7 U [--]	6 U [--]
1,2-DICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2-DICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,2-DICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	7 U [--]	6 U [--]
1,3-DICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,3-DICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
2-BUTANONE	60 U [--]	66 U [--]	59 U [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	7 U [--]	6 U [--]
2-CHLOROTOLUENE	6 U [--]	7 U [--]	6 U [--]

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LOCATION SAMPLE ID SAMPLE DATE	SB-022 SB-22-10 11/17/2003	SB-022 SB-22A-SS 9/15/2004	SB-023 SB-23-05 11/18/2003
2-HEXANONE	60 U [--]	66 U [--]	59 U [--]
4-CHLOROTOLUENE	6 U [--]	7 U [--]	6 U [--]
4-ISOPROPYLTOLUENE	6 U [--]	7 U [--]	6 U [--]
4-METHYL-2-PENTANONE	60 U [--]	66 U [--]	59 U [--]
ACETONE	11 J [--]	89 J [--]	16 J [--]
BENZENE	6 U [--]	7 U [--]	6 U [--]
BROMOBENZENE	6 U [--]	7 U [--]	6 U [--]
BROMOCHLOROMETHANE	6 U [--]	7 U [--]	6 U [--]
BROMODICHLOROMETHANE	6 U [--]	7 U [--]	6 U [--]
BROMOFORM	6 U [--]	7 U [--]	6 U [--]
BROMOMETHANE	6 U [--]	7 U [--]	6 U [--]
CARBON DISULFIDE	6 U [--]	7 U [--]	6 U [--]
CARBON TETRACHLORIDE	6 U [--]	7 U [--]	6 U [--]
CHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
CHLORODIBROMOMETHANE	6 U [--]	7 U [--]	6 U [--]
CHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
CHLOROFORM	6 U [--]	7 U [--]	6 U [--]
CHLOROMETHANE	6 U [--]	7 U [--]	6 U [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	7 U [--]	6 U [--]
DIBROMOMETHANE	6 U [--]	7 U [--]	6 U [--]
DICHLORODIFLUOROMETHANE	6 U [--]	7 U [--]	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	7 U [--]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 U [--]	--	6 U [--]
ISOPROPYLBENZENE	6 U [--]	7 U [--]	6 U [--]
M+P-XYLENES	18 U [--]	13 U [--]	18 U [--]
METHYL TERT-BUTYL ETHER	6 U [--]	7 U [--]	6 U [--]
METHYLENE CHLORIDE	5 J [--]	11 B [--]	6 J [--]
NAPHTHALENE	6 U [--]	7 U [--]	6 U [--]
N-BUTYLBENZENE	6 U [--]	7 U [--]	6 U [--]
N-PROPYLBENZENE	6 U [--]	7 U [--]	6 U [--]
O-XYLENE	18 U [--]	7 U [--]	18 U [--]
SEC-BUTYLBENZENE	6 U [--]	7 U [--]	6 U [--]
STYRENE	6 U [--]	7 U [--]	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-022 SB-22-10 11/17/2003	SB-022 SB-22A-SS 9/15/2004	SB-023 SB-23-05 11/18/2003
TERT-BUTYLBENZENE	6 U [--]	7 U [--]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
TOLUENE	6 U [--]	7 U [--]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	7 U [--]	6 U [--]
TRICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
TRICHLOROFLUOROMETHANE	6 U [--]	7 U [--]	6 U [--]
VINYL ACETATE	6 U [--]	7 U [--]	6 U [--]
VINYL CHLORIDE	6 U [--]	7 U [--]	6 U [--]

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	390 U [--]	430 U [--]	390 U [--]
ACENAPHTHENE	390 U [--]	430 U [--]	390 U [--]
ACENAPHTHYLENE	390 U [--]	430 U [--]	390 U [--]
ANTHRACENE	390 U [--]	430 U [--]	390 U [--]
BAP EQUIVALENT-HALFND	390 U [--]	430 U [--]	390 U [--]
BAP EQUIVALENT-POS	390 U [--]	430 U [--]	390 U [--]
BAP EQUIVALENT-UCL	5.870496 [--]	24.002035 [--]	8.584733 [--]
BENZO(A)ANTHRACENE	390 U [--]	430 U [--]	390 U [--]
BENZO(A)PYRENE	390 U [--]	430 U [--]	390 U [--]
BENZO(B)FLUORANTHENE	390 U [--]	430 U [--]	390 U [--]
BENZO(G,H,I)PERYLENE	390 U [--]	430 U [--]	390 U [--]
BENZO(K)FLUORANTHENE	390 U [--]	430 U [--]	390 U [--]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-022 SB-22-10 11/17/2003	SB-022 SB-22A-SS 9/15/2004	SB-023 SB-23-05 11/18/2003
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	390 U [--]	430 U [--]	390 U [--]
DIBENZO(A,H)ANTHRACENE	390 U [--]	430 U [--]	390 U [--]
FLUORANTHENE	390 U [--]	57 J [--]	390 U [--]
FLUORENE	390 U [--]	430 U [--]	390 U [--]
INDENO(1,2,3-CD)PYRENE	390 U [--]	430 U [--]	390 U [--]
NAPHTHALENE	390 U [--]	430 U [--]	390 U [--]
PHENANTHRENE	390 U [--]	44 J [--]	390 U [--]
PYRENE	390 U [--]	430 U [--]	390 U [--]
TOTAL PAHS	0 U [--]	101 [--]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	59 U [--]	320 U [--]	59 U [--]
AROCLOR-1221	59 U [--]	320 U [--]	59 U [--]
AROCLOR-1232	59 U [--]	320 U [--]	59 U [--]
AROCLOR-1242	59 U [--]	320 U [--]	59 U [--]
AROCLOR-1248	59 U [--]	320 U [--]	59 U [--]
AROCLOR-1254	59 U [--]	320 U [--]	59 U [--]
AROCLOR-1260	59 U [--]	320 U [--]	59 U [--]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-022	SB-022	SB-023
SAMPLE ID	SB-22-10	SB-22A-SS	SB-23-05
SAMPLE DATE	11/17/2003	9/15/2004	11/18/2003
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [--]	0 U [--]	0 U [--]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	23000 U [--]	13000 U [--]	24000 U [--]
GASOLINE RANGE ORGANICS	120 U [--]	130 U [--]	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-023	SB-023	SB-024
SAMPLE ID	SB-23-10	SB-23A-SS	SB-24-05
SAMPLE DATE	11/18/2003	9/15/2004	11/17/2003
METALS (MG/KG)			
ANTIMONY	2.9 UL [--]	2.6 U [--]	3.1 UL [--]
ARSENIC	1 L [--]	2.2 [--]	3.5 L [--]
BARIUM	--	--	--
BERYLLIUM	2.9 U [--]	2.6 U [--]	3.1 U [--]
CADMIUM	2.9 U [--]	2.6 U [--]	3.1 U [--]
CHROMIUM	2.9 UR [--]	13.0 [--]	13 L [--]
COBALT	--	--	--
COPPER	2.9 U [--]	5.3 [--]	28 [--]
LEAD	2.9 UL [--]	5.4 [--]	46 L [--]
MERCURY	0.12 U [--]	0.10 U [--]	0.94 [--]
MOLYBDENUM	--	--	--
NICKEL	2.9 UL [--]	7.1 [--]	12 L [--]
SELENIUM	2.9 UR [--]	2.6 U [--]	3.1 UR [--]
SILVER	2.9 U [--]	3.4 [--]	3.1 U [--]
THALLIUM	2.3 UL [--]	2.0 U [--]	2.5 UL [--]
VANADIUM	--	--	--
ZINC	58 UJ [--]	26.0 U [--]	100 J [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	86 [--]	--	80 [--]
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	390 U [--]	380 U [--]	390 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U [--]	380 U [--]	390 U [--]
2,4,5-TRICHLOROPHENOL	970 U [--]	950 U [--]	1000 U [--]
2,4,6-TRICHLOROPHENOL	390 U [--]	380 U [--]	390 U [--]
2,4-DICHLOROPHENOL	390 U [--]	380 U [--]	390 U [--]
2,4-DIMETHYLPHENOL	390 U [--]	380 U [--]	390 U [--]
2,4-DINITROPHENOL	970 U [--]	950 U [--]	1000 U [--]

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-023 SB-23-10 11/18/2003	SB-023 SB-23A-SS 9/15/2004	SB-024 SB-24-05 11/17/2003
2,4-DINITROTOLUENE	390 U [--]	380 U [--]	390 U [--]
2,6-DINITROTOLUENE	390 U [--]	380 U [--]	390 U [--]
2-CHLORONAPHTHALENE	390 U [--]	380 U [--]	390 U [--]
2-CHLOROPHENOL	390 U [--]	380 U [--]	390 U [--]
2-METHYLPHENOL	390 U [--]	380 U [--]	390 U [--]
2-NITROANILINE	970 U [--]	950 U [--]	1000 U [--]
2-NITROPHENOL	390 U [--]	380 U [--]	390 U [--]
3&4-METHYLPHENOL	390 U [--]	380 U [--]	390 U [--]
3,3'-DICHLOROBENZIDINE	390 U [--]	380 U [--]	390 U [--]
3-NITROANILINE	970 U [--]	950 U [--]	1000 U [--]
4,6-DINITRO-2-METHYLPHENOL	890 U [--]	870 U [--]	960 U [--]
4-BROMOPHENYL PHENYL ETHER	390 U [--]	380 U [--]	390 U [--]
4-CHLORO-3-METHYLPHENOL	390 U [--]	380 U [--]	390 U [--]
4-CHLOROANILINE	390 U [--]	380 U [--]	390 U [--]
4-CHLOROPHENYL PHENYL ETHER	390 U [--]	380 U [--]	390 U [--]
4-NITROANILINE	970 U [--]	950 U [--]	1000 U [--]
4-NITROPHENOL	970 U [--]	950 U [--]	1000 U [--]
ACETOPHENONE	390 U [--]	380 U [--]	390 U [--]
ANILINE	--	--	--
ATRAZINE	390 U [--]	380 U [--]	390 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	390 U [--]	380 U [--]	390 U [--]
BIS(2-CHLOROETHYL)ETHER	390 U [--]	380 U [--]	390 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	390 U [--]	380 U [--]	390 U [--]
BUTYL BENZYL PHTHALATE	390 U [--]	380 U [--]	390 U [--]
CAPROLACTAM	390 U [--]	380 U [--]	390 U [--]
CARBAZOLE	390 U [--]	380 U [--]	390 U [--]
DIBENZOFURAN	390 U [--]	380 U [--]	390 U [--]
DIETHYL PHTHALATE	390 U [--]	380 U [--]	390 U [--]
DIMETHYL PHTHALATE	390 U [--]	60 J [--]	390 U [--]
DI-N-BUTYL PHTHALATE	390 U [--]	380 U [--]	390 U [--]
DI-N-OCTYL PHTHALATE	390 U [--]	380 U [--]	390 U [--]
HEXACHLOROBENZENE	390 U [--]	380 U [--]	390 U [--]
HEXACHLOROBUTADIENE	390 U [--]	380 U [--]	390 U [--]
HEXACHLOROCYCLOPENTADIENE	390 U [--]	380 U [--]	390 U [--]

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SOIL

LOCATION	SB-023	SB-023	SB-024
SAMPLE ID	SB-23-10	SB-23A-SS	SB-24-05
SAMPLE DATE	11/18/2003	9/15/2004	11/17/2003
HEXACHLOROETHANE	390 U [--]	380 U [--]	390 U [--]
ISOPHORONE	390 U [--]	380 U [--]	390 U [--]
NITROBENZENE	390 U [--]	380 U [--]	390 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	390 U [--]	380 U [--]	390 U [--]
N-NITROSODIPHENYLAMINE	390 U [--]	380 U [--]	390 U [--]
PENTACHLOROPHENOL	970 U [--]	950 U [--]	1000 U [--]
PHENOL	390 U [--]	420 U [--]	420 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,1-TRICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,2-TRICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	6 U [--]	--
1,1-DICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1-DICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
1,1-DICHLOROPROPENE	6 U [--]	6 U [--]	6 U [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,2-DIBROMOETHANE	6 U [--]	6 U [--]	6 U [--]
1,2-DICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2-DICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,2-DICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	6 U [--]	6 U [--]
1,3-DICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,3-DICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
2-BUTANONE	58 U [--]	55 U [--]	62 U [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	6 U [--]	6 U [--]
2-CHLOROTOLUENE	6 U [--]	6 U [--]	6 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-023 SB-23-10 11/18/2003	SB-023 SB-23A-SS 9/15/2004	SB-024 SB-24-05 11/17/2003
2-HEXANONE	58 U [--]	55 U [--]	62 U [--]
4-CHLOROTOLUENE	6 U [--]	6 U [--]	6 U [--]
4-ISOPROPYLTOLUENE	6 U [--]	6 U [--]	6 U [--]
4-METHYL-2-PENTANONE	58 U [--]	55 U [--]	62 U [--]
ACETONE	9 J [--]	55 UJ [--]	28 J [--]
BENZENE	6 U [--]	6 U [--]	6 U [--]
BROMOBENZENE	6 U [--]	6 U [--]	6 U [--]
BROMOCHLOROMETHANE	6 U [--]	6 U [--]	6 U [--]
BROMODICHLOROMETHANE	6 U [--]	6 U [--]	6 U [--]
BROMOFORM	6 U [--]	6 U [--]	6 U [--]
BROMOMETHANE	6 U [--]	6 U [--]	6 U [--]
CARBON DISULFIDE	6 U [--]	6 U [--]	6 U [--]
CARBON TETRACHLORIDE	6 U [--]	6 U [--]	6 U [--]
CHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
CHLORODIBROMOMETHANE	6 U [--]	6 U [--]	6 U [--]
CHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
CHLOROFORM	6 U [--]	6 U [--]	6 U [--]
CHLOROMETHANE	6 U [--]	6 U [--]	6 U [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	6 U [--]
DIBROMOMETHANE	6 U [--]	6 U [--]	6 U [--]
DICHLORODIFLUOROMETHANE	6 U [--]	6 U [--]	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	6 U [--]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 U [--]	--	6 U [--]
ISOPROPYLBENZENE	6 U [--]	6 U [--]	6 U [--]
M+P-XYLENES	17 U [--]	11 U [--]	19 U [--]
METHYL TERT-BUTYL ETHER	6 U [--]	6 U [--]	6 U [--]
METHYLENE CHLORIDE	5 J [--]	6 U [--]	6 U [--]
NAPHTHALENE	6 U [--]	6 U [--]	6 U [--]
N-BUTYLBENZENE	6 U [--]	6 U [--]	6 U [--]
N-PROPYLBENZENE	6 U [--]	6 U [--]	6 U [--]
O-XYLENE	17 U [--]	6 U [--]	19 U [--]
SEC-BUTYLBENZENE	6 U [--]	6 U [--]	6 U [--]
STYRENE	6 U [--]	6 U [--]	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-023 SB-23-10 11/18/2003	SB-023 SB-23A-SS 9/15/2004	SB-024 SB-24-05 11/17/2003
TERT-BUTYLBENZENE	6 U [--]	6 U [--]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
TOLUENE	6 U [--]	6 U [--]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	6 U [--]
TRICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
TRICHLOROFLUOROMETHANE	6 U [--]	6 U [--]	6 U [--]
VINYL ACETATE	6 U [--]	6 U [--]	6 U [--]
VINYL CHLORIDE	6 U [--]	6 U [--]	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	390 U [--]	380 U [--]	390 U [--]
ACENAPHTHENE	390 U [--]	380 U [--]	390 U [--]
ACENAPHTHYLENE	390 U [--]	380 U [--]	390 U [--]
ANTHRACENE	390 U [--]	380 U [--]	390 U [--]
BAP EQUIVALENT-HALFND	390 U [--]	380 U [--]	390 U [--]
BAP EQUIVALENT-POS	390 U [--]	380 U [--]	390 U [--]
BAP EQUIVALENT-UCL	10.987605 [--]	10.754279 [--]	13.276723 [--]
BENZO(A)ANTHRACENE	390 U [--]	380 U [--]	390 U [--]
BENZO(A)PYRENE	390 U [--]	380 U [--]	390 U [--]
BENZO(B)FLUORANTHENE	390 U [--]	380 U [--]	390 U [--]
BENZO(G,H,I)PERYLENE	390 U [--]	380 U [--]	390 U [--]
BENZO(K)FLUORANTHENE	390 U [--]	380 U [--]	390 U [--]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-023 SB-23-10 11/18/2003	SB-023 SB-23A-SS 9/15/2004	SB-024 SB-24-05 11/17/2003
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	390 U [--]	380 U [--]	390 U [--]
DIBENZO(A,H)ANTHRACENE	390 U [--]	380 U [--]	390 U [--]
FLUORANTHENE	390 U [--]	380 U [--]	390 U [--]
FLUORENE	390 U [--]	380 U [--]	390 U [--]
INDENO(1,2,3-CD)PYRENE	390 U [--]	380 U [--]	390 U [--]
NAPHTHALENE	390 U [--]	380 U [--]	390 U [--]
PHENANTHRENE	390 U [--]	380 U [--]	390 U [--]
PYRENE	390 U [--]	380 U [--]	390 U [--]
TOTAL PAHS	0 U [--]	0 U [--]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	58 U [--]	280 U [--]	62 U [--]
AROCLOR-1221	58 U [--]	280 U [--]	62 U [--]
AROCLOR-1232	58 U [--]	280 U [--]	62 U [--]
AROCLOR-1242	58 U [--]	280 U [--]	62 U [--]
AROCLOR-1248	58 U [--]	280 U [--]	62 U [--]
AROCLOR-1254	58 U [--]	280 U [--]	62 U [--]
AROCLOR-1260	58 U [--]	280 U [--]	62 U [--]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-023 SB-23-10 11/18/2003	SB-023 SB-23A-SS 9/15/2004	SB-024 SB-24-05 11/17/2003
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [--]	0 U [--]	0 U [--]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	23000 U [--]	11000 U [--]	25000 U [--]
GASOLINE RANGE ORGANICS	120 U [--]	110 U [--]	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-024	SB-024	SB-024A
SAMPLE ID	SB-24-10	SB-24A-SS	F-SB-24ARE-1
SAMPLE DATE	11/17/2003	9/15/2004	9/22/2009
METALS (MG/KG)			
ANTIMONY	3 UL [--]	2.8 U [--]	--
ARSENIC	2.3 L [--]	3.4 [--]	--
BARIUM	--	--	--
BERYLLIUM	3 U [--]	2.8 U [--]	--
CADMIUM	3 U [--]	2.8 U [--]	--
CHROMIUM	12 L [--]	18.0 [--]	--
COBALT	--	--	--
COPPER	7.8 [--]	36.0 [--]	--
LEAD	12 L [--]	67.0 [--]	--
MERCURY	0.17 [--]	1.4 [--]	1.5 L [MDL=0.021]
MOLYBDENUM	--	--	--
NICKEL	6.7 L [--]	14.0 [--]	--
SELENIUM	3 UR [--]	2.8 U [--]	--
SILVER	3 U [--]	2.9 U [--]	--
THALLIUM	2.4 UL [--]	2.2 U [--]	--
VANADIUM	--	--	--
ZINC	59 UJ [--]	120 [--]	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	84 [--]	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	400 U [--]	400 U [--]	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	400 U [--]	400 U [--]	--
2,4,5-TRICHLOROPHENOL	990 U [--]	1000 U [--]	--
2,4,6-TRICHLOROPHENOL	400 U [--]	400 U [--]	--
2,4-DICHLOROPHENOL	400 U [--]	400 U [--]	--
2,4-DIMETHYLPHENOL	400 U [--]	400 U [--]	--
2,4-DINITROPHENOL	990 U [--]	1000 U [--]	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024 SB-24-10 11/17/2003	SB-024 SB-24A-SS 9/15/2004	SB-024A F-SB-24ARE-1 9/22/2009
2,4-DINITROTOLUENE	400 U [--]	400 U [--]	--
2,6-DINITROTOLUENE	400 U [--]	400 U [--]	--
2-CHLORONAPHTHALENE	400 U [--]	400 U [--]	--
2-CHLOROPHENOL	400 U [--]	400 U [--]	--
2-METHYLPHENOL	400 U [--]	400 U [--]	--
2-NITROANILINE	990 U [--]	1000 U [--]	--
2-NITROPHENOL	400 U [--]	400 U [--]	--
3&4-METHYLPHENOL	400 U [--]	400 U [--]	--
3,3'-DICHLOROBENZIDINE	400 U [--]	400 U [--]	--
3-NITROANILINE	990 U [--]	1000 U [--]	--
4,6-DINITRO-2-METHYLPHENOL	910 U [--]	930 U [--]	--
4-BROMOPHENYL PHENYL ETHER	400 U [--]	400 U [--]	--
4-CHLORO-3-METHYLPHENOL	400 U [--]	400 U [--]	--
4-CHLOROANILINE	400 U [--]	400 U [--]	--
4-CHLOROPHENYL PHENYL ETHER	400 U [--]	400 U [--]	--
4-NITROANILINE	990 U [--]	1000 U [--]	--
4-NITROPHENOL	990 U [--]	1000 U [--]	--
ACETOPHENONE	400 U [--]	400 U [--]	--
ANILINE	--	--	--
ATRAZINE	400 U [--]	400 U [--]	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	400 U [--]	400 U [--]	--
BIS(2-CHLOROETHYL)ETHER	400 U [--]	400 U [--]	--
BIS(2-ETHYLHEXYL)PHTHALATE	400 U [--]	400 U [--]	--
BUTYL BENZYL PHTHALATE	400 U [--]	400 U [--]	--
CAPROLACTAM	400 U [--]	400 U [--]	--
CARBAZOLE	400 U [--]	400 U [--]	--
DIBENZOFURAN	400 U [--]	400 U [--]	--
DIETHYL PHTHALATE	400 U [--]	400 U [--]	--
DIMETHYL PHTHALATE	400 U [--]	400 U [--]	--
DI-N-BUTYL PHTHALATE	400 U [--]	400 U [--]	--
DI-N-OCTYL PHTHALATE	400 U [--]	400 U [--]	--
HEXACHLOROBENZENE	400 U [--]	400 U [--]	--
HEXACHLOROBUTADIENE	400 U [--]	400 U [--]	--
HEXACHLOROCYCLOPENTADIENE	400 U [--]	400 U [--]	--

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SOIL

LOCATION	SB-024	SB-024	SB-024A
SAMPLE ID	SB-24-10	SB-24A-SS	F-SB-24ARE-1
SAMPLE DATE	11/17/2003	9/15/2004	9/22/2009
HEXACHLOROETHANE	400 U [--]	400 U [--]	--
ISOPHORONE	400 U [--]	400 U [--]	--
NITROBENZENE	400 U [--]	400 U [--]	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	400 U [--]	400 U [--]	--
N-NITROSODIPHENYLAMINE	400 U [--]	400 U [--]	--
PENTACHLOROPHENOL	990 U [--]	1000 U [--]	--
PHENOL	400 U [--]	400 U [--]	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	--
1,1,1-TRICHLOROETHANE	6 U [--]	6 U [--]	--
1,1,2,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	--
1,1,2-TRICHLOROETHANE	6 U [--]	6 U [--]	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	6 U [--]	--
1,1-DICHLOROETHANE	6 U [--]	6 U [--]	--
1,1-DICHLOROETHENE	6 U [--]	6 U [--]	--
1,1-DICHLOROPROPENE	6 U [--]	6 U [--]	--
1,2,3-TRICHLOROBENZENE	6 U [--]	6 U [--]	--
1,2,3-TRICHLOROPROPANE	6 U [--]	6 U [--]	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	6 U [--]	--
1,2,4-TRIMETHYLBENZENE	6 U [--]	6 U [--]	--
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	6 U [--]	--
1,2-DIBROMOETHANE	6 U [--]	6 U [--]	--
1,2-DICHLOROBENZENE	6 U [--]	6 U [--]	--
1,2-DICHLOROETHANE	6 U [--]	6 U [--]	--
1,2-DICHLOROPROPANE	6 U [--]	6 U [--]	--
1,3,5-TRIMETHYLBENZENE	6 U [--]	6 U [--]	--
1,3-DICHLOROBENZENE	6 U [--]	6 U [--]	--
1,3-DICHLOROPROPANE	6 U [--]	6 U [--]	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	6 U [--]	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	6 U [--]	--
2-BUTANONE	60 U [--]	61 U [--]	--
2-CHLOROETHYL VINYL ETHER	6 U [--]	6 U [--]	--
2-CHLOROTOLUENE	6 U [--]	6 U [--]	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024 SB-24-10 11/17/2003	SB-024 SB-24A-SS 9/15/2004	SB-024A F-SB-24ARE-1 9/22/2009
2-HEXANONE	60 U [--]	61 U [--]	--
4-CHLOROTOLUENE	6 U [--]	6 U [--]	--
4-ISOPROPYLTOLUENE	6 U [--]	6 U [--]	--
4-METHYL-2-PENTANONE	60 U [--]	61 U [--]	--
ACETONE	27 J [--]	61 UJ [--]	--
BENZENE	6 U [--]	6 U [--]	--
BROMOBENZENE	6 U [--]	6 U [--]	--
BROMOCHLOROMETHANE	6 U [--]	6 U [--]	--
BROMODICHLOROMETHANE	6 U [--]	6 U [--]	--
BROMOFORM	6 U [--]	6 U [--]	--
BROMOMETHANE	6 U [--]	6 U [--]	--
CARBON DISULFIDE	6 U [--]	6 U [--]	--
CARBON TETRACHLORIDE	6 U [--]	6 U [--]	--
CHLOROBENZENE	6 U [--]	6 U [--]	--
CHLORODIBROMOMETHANE	6 U [--]	6 U [--]	--
CHLOROETHANE	6 U [--]	6 U [--]	--
CHLOROFORM	6 U [--]	6 U [--]	--
CHLOROMETHANE	6 U [--]	6 U [--]	--
CIS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	--
CIS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	--
DIBROMOMETHANE	6 U [--]	6 U [--]	--
DICHLORODIFLUOROMETHANE	6 U [--]	6 U [--]	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	6 U [--]	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 U [--]	--	--
ISOPROPYLBENZENE	6 U [--]	6 U [--]	--
M+P-XYLENES	18 U [--]	12 U [--]	--
METHYL TERT-BUTYL ETHER	6 U [--]	6 U [--]	--
METHYLENE CHLORIDE	6 U [--]	6 U [--]	--
NAPHTHALENE	6 U [--]	6 U [--]	--
N-BUTYLBENZENE	6 U [--]	6 U [--]	--
N-PROPYLBENZENE	6 U [--]	6 U [--]	--
O-XYLENE	18 U [--]	6 U [--]	--
SEC-BUTYLBENZENE	6 U [--]	6 U [--]	--
STYRENE	6 U [--]	6 U [--]	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024 SB-24-10 11/17/2003	SB-024 SB-24A-SS 9/15/2004	SB-024A F-SB-24ARE-1 9/22/2009
TERT-BUTYLBENZENE	6 U [--]	6 U [--]	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	6 U [--]	--
TOLUENE	6 U [--]	6 U [--]	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	--
TRANS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	--
TRICHLOROETHENE	6 U [--]	6 U [--]	--
TRICHLOROFLUOROMETHANE	6 U [--]	6 U [--]	--
VINYL ACETATE	6 U [--]	6 U [--]	--
VINYL CHLORIDE	6 U [--]	6 U [--]	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	400 U [--]	400 U [--]	--
ACENAPHTHENE	400 U [--]	400 U [--]	--
ACENAPHTHYLENE	400 U [--]	400 U [--]	--
ANTHRACENE	400 U [--]	400 U [--]	--
BAP EQUIVALENT-HALFND	400 U [--]	297.647 [--]	--
BAP EQUIVALENT-POS	400 U [--]	77.647 [--]	--
BAP EQUIVALENT-UCL	12.201692 [--]	90.084507 [--]	--
BENZO(A)ANTHRACENE	400 U [--]	74 J [--]	--
BENZO(A)PYRENE	400 U [--]	63 J [--]	--
BENZO(B)FLUORANTHENE	400 U [--]	66 J [--]	--
BENZO(G,H,I)PERYLENE	400 U [--]	400 U [--]	--
BENZO(K)FLUORANTHENE	400 U [--]	57 J [--]	--
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-024 SB-24-10 11/17/2003	SB-024 SB-24A-SS 9/15/2004	SB-024A F-SB-24ARE-1 9/22/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	400 U [--]	77 J [--]	--
DIBENZO(A,H)ANTHRACENE	400 U [--]	400 U [--]	--
FLUORANTHENE	400 U [--]	170 J [--]	--
FLUORENE	400 U [--]	400 U [--]	--
INDENO(1,2,3-CD)PYRENE	400 U [--]	400 U [--]	--
NAPHTHALENE	400 U [--]	400 U [--]	--
PHENANTHRENE	400 U [--]	92 J [--]	--
PYRENE	400 U [--]	110 J [--]	--
TOTAL PAHS	0 U [--]	709 [--]	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	59 U [--]	300 U [--]	--
AROCLOR-1221	59 U [--]	300 U [--]	--
AROCLOR-1232	59 U [--]	300 U [--]	--
AROCLOR-1242	59 U [--]	300 U [--]	--
AROCLOR-1248	59 U [--]	300 U [--]	--
AROCLOR-1254	59 U [--]	300 U [--]	--
AROCLOR-1260	59 U [--]	300 U [--]	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-024	SB-024	SB-024A
SAMPLE ID	SB-24-10	SB-24A-SS	F-SB-24ARE-1
SAMPLE DATE	11/17/2003	9/15/2004	9/22/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [--]	0 U [--]	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	24000 U [--]	12000 U [--]	--
GASOLINE RANGE ORGANICS	120 U [--]	120 U [--]	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-2 9/22/2009	SB-024A F-SB-24ARE-3 9/22/2009	SB-024A F-SB-24ARE-4 9/22/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	1.0 L [MDL=0.021]	0.086 [MDL=0.021]	0.083 [MDL=0.021]
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-2 9/22/2009	SB-024A F-SB-24ARE-3 9/22/2009	SB-024A F-SB-24ARE-4 9/22/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-2 9/22/2009	SB-024A F-SB-24ARE-3 9/22/2009	SB-024A F-SB-24ARE-4 9/22/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-2 9/22/2009	SB-024A F-SB-24ARE-3 9/22/2009	SB-024A F-SB-24ARE-4 9/22/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-2 9/22/2009	SB-024A F-SB-24ARE-3 9/22/2009	SB-024A F-SB-24ARE-4 9/22/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	--	--	--
BAP EQUIVALENT-POS	--	--	--
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	--	--	--
BENZO(A)PYRENE	--	--	--
BENZO(B)FLUORANTHENE	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-2 9/22/2009	SB-024A F-SB-24ARE-3 9/22/2009	SB-024A F-SB-24ARE-4 9/22/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	--	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-2 9/22/2009	SB-024A F-SB-24ARE-3 9/22/2009	SB-024A F-SB-24ARE-4 9/22/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-024A	SB-025	SB-025
SAMPLE ID	F-SB-24ARE-5	SB-25-05	SB-25-10
SAMPLE DATE	9/22/2009	11/17/2003	11/17/2003
METALS (MG/KG)			
ANTIMONY	--	2.9 UL [--]	3 UL [--]
ARSENIC	--	0.92 L [--]	1.7 L [--]
BARIUM	--	--	--
BERYLLIUM	--	2.9 U [--]	4.6 [--]
CADMIUM	--	2.9 U [--]	3 U [--]
CHROMIUM	--	11 L [--]	16 L [--]
COBALT	--	--	--
COPPER	--	8 [--]	19 [--]
LEAD	--	6.6 L [--]	14 L [--]
MERCURY	0.021 U [MDL=0.021]	0.12 U [--]	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	--	24 L [--]	46 L [--]
SELENIUM	--	2.9 UR [--]	3 UR [--]
SILVER	--	2.9 U [--]	3 U [--]
THALLIUM	--	2.4 UL [--]	2.4 UL [--]
VANADIUM	--	--	--
ZINC	--	59 UJ [--]	110 J [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	85 [--]	84 [--]
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	390 U [--]	400 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	390 U [--]	400 U [--]
2,4,5-TRICHLOROPHENOL	--	980 U [--]	990 U [--]
2,4,6-TRICHLOROPHENOL	--	390 U [--]	400 U [--]
2,4-DICHLOROPHENOL	--	390 U [--]	400 U [--]
2,4-DIMETHYLPHENOL	--	390 U [--]	400 U [--]
2,4-DINITROPHENOL	--	980 U [--]	990 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-5 9/22/2009	SB-025 SB-25-05 11/17/2003	SB-025 SB-25-10 11/17/2003
2,4-DINITROTOLUENE	--	390 U [--]	400 U [--]
2,6-DINITROTOLUENE	--	390 U [--]	400 U [--]
2-CHLORONAPHTHALENE	--	390 U [--]	400 U [--]
2-CHLOROPHENOL	--	390 U [--]	400 U [--]
2-METHYLPHENOL	--	390 U [--]	400 U [--]
2-NITROANILINE	--	980 U [--]	990 U [--]
2-NITROPHENOL	--	390 U [--]	400 U [--]
3&4-METHYLPHENOL	--	390 U [--]	400 U [--]
3,3'-DICHLOROBENZIDINE	--	390 U [--]	400 U [--]
3-NITROANILINE	--	980 U [--]	990 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	900 U [--]	910 U [--]
4-BROMOPHENYL PHENYL ETHER	--	390 U [--]	400 U [--]
4-CHLORO-3-METHYLPHENOL	--	390 U [--]	400 U [--]
4-CHLOROANILINE	--	390 U [--]	400 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	390 U [--]	400 U [--]
4-NITROANILINE	--	980 U [--]	990 U [--]
4-NITROPHENOL	--	980 U [--]	990 U [--]
ACETOPHENONE	--	390 U [--]	400 U [--]
ANILINE	--	--	--
ATRAZINE	--	390 U [--]	400 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	390 U [--]	400 U [--]
BIS(2-CHLOROETHYL)ETHER	--	390 U [--]	400 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	390 U [--]	400 U [--]
BUTYL BENZYL PHTHALATE	--	390 U [--]	400 U [--]
CAPROLACTAM	--	390 U [--]	400 U [--]
CARBAZOLE	--	390 U [--]	400 U [--]
DIBENZOFURAN	--	390 U [--]	400 U [--]
DIETHYL PHTHALATE	--	390 U [--]	400 U [--]
DIMETHYL PHTHALATE	--	390 U [--]	400 U [--]
DI-N-BUTYL PHTHALATE	--	390 U [--]	400 U [--]
DI-N-OCTYL PHTHALATE	--	390 U [--]	400 U [--]
HEXACHLOROBENZENE	--	390 U [--]	400 U [--]
HEXACHLOROBUTADIENE	--	390 U [--]	400 U [--]
HEXACHLOROCYCLOPENTADIENE	--	390 U [--]	400 U [--]

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LOCATION	SB-024A	SB-025	SB-025
SAMPLE ID	F-SB-24ARE-5	SB-25-05	SB-25-10
SAMPLE DATE	9/22/2009	11/17/2003	11/17/2003
HEXACHLOROETHANE	--	390 U [--]	400 U [--]
ISOPHORONE	--	390 U [--]	400 U [--]
NITROBENZENE	--	390 U [--]	400 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	390 U [--]	400 U [--]
N-NITROSODIPHENYLAMINE	--	390 U [--]	400 U [--]
PENTACHLOROPHENOL	--	980 U [--]	990 U [--]
PHENOL	--	390 U [--]	400 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	6 U [--]	6 U [--]
1,1,1-TRICHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2-TRICHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	6 U [--]	6 U [--]
1,1-DICHLOROETHENE	--	6 U [--]	6 U [--]
1,1-DICHLOROPROPENE	--	6 U [--]	6 U [--]
1,2,3-TRICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2,3-TRICHLOROPROPANE	--	6 U [--]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2,4-TRIMETHYLBENZENE	--	6 U [--]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	--	6 U [--]	6 U [--]
1,2-DIBROMOETHANE	--	6 U [--]	6 U [--]
1,2-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2-DICHLOROETHANE	--	6 U [--]	6 U [--]
1,2-DICHLOROPROPANE	--	6 U [--]	6 U [--]
1,3,5-TRIMETHYLBENZENE	--	6 U [--]	6 U [--]
1,3-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,3-DICHLOROPROPANE	--	6 U [--]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	6 U [--]	6 U [--]
2-BUTANONE	--	59 U [--]	59 U [--]
2-CHLOROETHYL VINYL ETHER	--	6 U [--]	6 U [--]
2-CHLOROTOLUENE	--	6 U [--]	6 U [--]

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LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-5 9/22/2009	SB-025 SB-25-05 11/17/2003	SB-025 SB-25-10 11/17/2003
2-HEXANONE	--	59 U [--]	59 U [--]
4-CHLOROTOLUENE	--	6 U [--]	6 U [--]
4-ISOPROPYLTOLUENE	--	6 U [--]	6 U [--]
4-METHYL-2-PENTANONE	--	59 U [--]	59 U [--]
ACETONE	--	59 U [--]	59 U [--]
BENZENE	--	6 U [--]	6 U [--]
BROMOBENZENE	--	6 U [--]	6 U [--]
BROMOCHLOROMETHANE	--	6 U [--]	6 U [--]
BROMODICHLOROMETHANE	--	6 U [--]	6 U [--]
BROMOFORM	--	6 U [--]	6 U [--]
BROMOMETHANE	--	6 U [--]	6 U [--]
CARBON DISULFIDE	--	6 U [--]	6 U [--]
CARBON TETRACHLORIDE	--	6 U [--]	6 U [--]
CHLOROBENZENE	--	6 U [--]	6 U [--]
CHLORODIBROMOMETHANE	--	6 U [--]	6 U [--]
CHLOROETHANE	--	6 U [--]	6 U [--]
CHLOROFORM	--	6 U [--]	6 U [--]
CHLOROMETHANE	--	6 U [--]	6 U [--]
CIS-1,2-DICHLOROETHENE	--	6 U [--]	6 U [--]
CIS-1,3-DICHLOROPROPENE	--	6 U [--]	6 U [--]
DIBROMOMETHANE	--	6 U [--]	6 U [--]
DICHLORODIFLUOROMETHANE	--	6 U [--]	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	6 U [--]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	6 U [--]	6 U [--]
ISOPROPYLBENZENE	--	6 U [--]	6 U [--]
M+P-XYLENES	--	18 U [--]	18 U [--]
METHYL TERT-BUTYL ETHER	--	6 U [--]	6 U [--]
METHYLENE CHLORIDE	--	5 J [--]	6 J [--]
NAPHTHALENE	--	6 U [--]	6 U [--]
N-BUTYLBENZENE	--	6 U [--]	6 U [--]
N-PROPYLBENZENE	--	6 U [--]	6 U [--]
O-XYLENE	--	18 U [--]	18 U [--]
SEC-BUTYLBENZENE	--	6 U [--]	6 U [--]
STYRENE	--	6 U [--]	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-5 9/22/2009	SB-025 SB-25-05 11/17/2003	SB-025 SB-25-10 11/17/2003
TERT-BUTYLBENZENE	--	6 U [--]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	6 U [--]	6 U [--]
TOLUENE	--	6 U [--]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	6 U [--]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	--	6 U [--]	6 U [--]
TRICHLOROETHENE	--	6 U [--]	6 U [--]
TRICHLOROFLUOROMETHANE	--	6 U [--]	6 U [--]
VINYL ACETATE	--	6 U [--]	6 U [--]
VINYL CHLORIDE	--	6 U [--]	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	390 U [--]	400 U [--]
ACENAPHTHENE	--	390 U [--]	400 U [--]
ACENAPHTHYLENE	--	390 U [--]	400 U [--]
ANTHRACENE	--	390 U [--]	400 U [--]
BAP EQUIVALENT-HALFND	--	390 U [--]	400 U [--]
BAP EQUIVALENT-POS	--	390 U [--]	400 U [--]
BAP EQUIVALENT-UCL	--	15.528048 [--]	17.023847 [--]
BENZO(A)ANTHRACENE	--	390 U [--]	400 U [--]
BENZO(A)PYRENE	--	390 U [--]	400 U [--]
BENZO(B)FLUORANTHENE	--	390 U [--]	400 U [--]
BENZO(G,H,I)PERYLENE	--	390 U [--]	400 U [--]
BENZO(K)FLUORANTHENE	--	390 U [--]	400 U [--]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-024A F-SB-24ARE-5 9/22/2009	SB-025 SB-25-05 11/17/2003	SB-025 SB-25-10 11/17/2003
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	390 U [--]	400 U [--]
DIBENZO(A,H)ANTHRACENE	--	390 U [--]	400 U [--]
FLUORANTHENE	--	390 U [--]	400 U [--]
FLUORENE	--	390 U [--]	400 U [--]
INDENO(1,2,3-CD)PYRENE	--	390 U [--]	400 U [--]
NAPHTHALENE	--	390 U [--]	400 U [--]
PHENANTHRENE	--	390 U [--]	400 U [--]
PYRENE	--	390 U [--]	400 U [--]
TOTAL PAHS	--	0 U [--]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	59 U [--]	59 U [--]
AROCLOR-1221	--	59 U [--]	59 U [--]
AROCLOR-1232	--	59 U [--]	59 U [--]
AROCLOR-1242	--	59 U [--]	59 U [--]
AROCLOR-1248	--	59 U [--]	59 U [--]
AROCLOR-1254	--	59 U [--]	59 U [--]
AROCLOR-1260	--	59 U [--]	59 U [--]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-024A	SB-025	SB-025
SAMPLE ID	F-SB-24ARE-5	SB-25-05	SB-25-10
SAMPLE DATE	9/22/2009	11/17/2003	11/17/2003
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	0 U [--]	0 U [--]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	24000 U [--]	24000 U [--]
GASOLINE RANGE ORGANICS	--	120 U [--]	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-025	SB-026	SB-027
SAMPLE ID	SB-25A-SS	SB-26-10	SB-27-10
SAMPLE DATE	9/15/2004	11/17/2003	11/17/2003
METALS (MG/KG)			
ANTIMONY	2.7 U [--]	--	--
ARSENIC	0.60 [--]	--	--
BARIUM	--	--	--
BERYLLIUM	5.0 [--]	--	--
CADMIUM	2.7 U [--]	--	--
CHROMIUM	18.0 [--]	--	--
COBALT	--	--	--
COPPER	15.0 [--]	--	--
LEAD	5.9 [--]	--	--
MERCURY	0.11 U [--]	--	--
MOLYBDENUM	--	--	--
NICKEL	27.0 [--]	--	--
SELENIUM	2.7 U [--]	--	--
SILVER	2.9 U [--]	--	--
THALLIUM	2.2 UL [--]	--	--
VANADIUM	--	--	--
ZINC	48.0 K [--]	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	77 [--]	75 [--]
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	400 U [--]	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	400 U [--]	--	--
2,4,5-TRICHLOROPHENOL	990 U [--]	--	--
2,4,6-TRICHLOROPHENOL	400 U [--]	--	--
2,4-DICHLOROPHENOL	400 U [--]	--	--
2,4-DIMETHYLPHENOL	400 U [--]	--	--
2,4-DINITROPHENOL	990 U [--]	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-025	SB-026	SB-027
SAMPLE ID	SB-25A-SS	SB-26-10	SB-27-10
SAMPLE DATE	9/15/2004	11/17/2003	11/17/2003
2,4-DINITROTOLUENE	400 U [--]	--	--
2,6-DINITROTOLUENE	400 U [--]	--	--
2-CHLORONAPHTHALENE	400 U [--]	--	--
2-CHLOROPHENOL	400 U [--]	--	--
2-METHYLPHENOL	400 U [--]	--	--
2-NITROANILINE	990 U [--]	--	--
2-NITROPHENOL	400 U [--]	--	--
3&4-METHYLPHENOL	400 U [--]	--	--
3,3'-DICHLOROBENZIDINE	400 U [--]	--	--
3-NITROANILINE	990 U [--]	--	--
4,6-DINITRO-2-METHYLPHENOL	910 U [--]	--	--
4-BROMOPHENYL PHENYL ETHER	400 U [--]	--	--
4-CHLORO-3-METHYLPHENOL	400 U [--]	--	--
4-CHLOROANILINE	400 U [--]	--	--
4-CHLOROPHENYL PHENYL ETHER	400 U [--]	--	--
4-NITROANILINE	990 U [--]	--	--
4-NITROPHENOL	990 U [--]	--	--
ACETOPHENONE	400 U [--]	--	--
ANILINE	--	--	--
ATRAZINE	400 U [--]	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	400 U [--]	--	--
BIS(2-CHLOROETHYL)ETHER	400 U [--]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	400 U [--]	--	--
BUTYL BENZYL PHTHALATE	400 U [--]	--	--
CAPROLACTAM	400 U [--]	--	--
CARBAZOLE	400 U [--]	--	--
DIBENZOFURAN	400 U [--]	--	--
DIETHYL PHTHALATE	400 U [--]	--	--
DIMETHYL PHTHALATE	400 U [--]	--	--
DI-N-BUTYL PHTHALATE	400 U [--]	--	--
DI-N-OCTYL PHTHALATE	400 U [--]	--	--
HEXACHLOROBENZENE	400 U [--]	--	--
HEXACHLOROBUTADIENE	400 U [--]	--	--
HEXACHLOROCYCLOPENTADIENE	400 U [--]	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-025	SB-026	SB-027
SAMPLE ID	SB-25A-SS	SB-26-10	SB-27-10
SAMPLE DATE	9/15/2004	11/17/2003	11/17/2003
HEXACHLOROETHANE	400 U [--]	--	--
ISOPHORONE	400 U [--]	--	--
NITROBENZENE	400 U [--]	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	400 U [--]	--	--
N-NITROSODIPHENYLAMINE	400 U [--]	--	--
PENTACHLOROPHENOL	990 U [--]	--	--
PHENOL	400 U [--]	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	7 U [--]	7 U [--]
1,1,1-TRICHLOROETHANE	6 U [--]	7 U [--]	7 U [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	7 U [--]	7 U [--]
1,1,2-TRICHLOROETHANE	6 U [--]	7 U [--]	7 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [--]	--	--
1,1-DICHLOROETHANE	6 U [--]	7 U [--]	7 U [--]
1,1-DICHLOROETHENE	6 U [--]	7 U [--]	7 U [--]
1,1-DICHLOROPROPENE	6 U [--]	7 U [--]	7 U [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	7 U [--]	7 U [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	7 U [--]	7 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	7 U [--]	7 U [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	7 U [--]	7 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	7 U [--]	7 U [--]
1,2-DIBROMOETHANE	6 U [--]	7 U [--]	7 U [--]
1,2-DICHLOROBENZENE	6 U [--]	7 U [--]	7 U [--]
1,2-DICHLOROETHANE	6 U [--]	7 U [--]	7 U [--]
1,2-DICHLOROPROPANE	6 U [--]	7 U [--]	7 U [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	7 U [--]	7 U [--]
1,3-DICHLOROBENZENE	6 U [--]	7 U [--]	7 U [--]
1,3-DICHLOROPROPANE	6 U [--]	7 U [--]	7 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	7 U [--]	7 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	7 U [--]	7 U [--]
2-BUTANONE	60 U [--]	6 J [--]	67 U [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	7 U [--]	7 U [--]
2-CHLOROTOLUENE	6 U [--]	7 U [--]	7 U [--]

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION	SB-025	SB-026	SB-027
SAMPLE ID	SB-25A-SS	SB-26-10	SB-27-10
SAMPLE DATE	9/15/2004	11/17/2003	11/17/2003
2-HEXANONE	60 U [--]	65 U [--]	67 U [--]
4-CHLOROTOLUENE	6 U [--]	7 U [--]	7 U [--]
4-ISOPROPYLTOLUENE	6 U [--]	7 U [--]	7 U [--]
4-METHYL-2-PENTANONE	60 U [--]	65 U [--]	67 U [--]
ACETONE	60 UJ [--]	48 J [--]	29 J [--]
BENZENE	6 U [--]	7 U [--]	7 U [--]
BROMOBENZENE	6 U [--]	7 U [--]	7 U [--]
BROMOCHLOROMETHANE	6 U [--]	7 U [--]	7 U [--]
BROMODICHLOROMETHANE	6 U [--]	7 U [--]	7 U [--]
BROMOFORM	6 U [--]	7 U [--]	7 U [--]
BROMOMETHANE	6 U [--]	7 U [--]	7 U [--]
CARBON DISULFIDE	6 U [--]	7 U [--]	7 U [--]
CARBON TETRACHLORIDE	6 U [--]	7 U [--]	7 U [--]
CHLOROBENZENE	6 U [--]	7 U [--]	7 U [--]
CHLORODIBROMOMETHANE	6 U [--]	7 U [--]	7 U [--]
CHLOROETHANE	6 U [--]	7 U [--]	7 U [--]
CHLOROFORM	6 U [--]	7 U [--]	7 U [--]
CHLOROMETHANE	6 U [--]	7 U [--]	7 U [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	7 U [--]	7 U [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	7 U [--]	7 U [--]
DIBROMOMETHANE	6 U [--]	7 U [--]	7 U [--]
DICHLORODIFLUOROMETHANE	6 U [--]	7 U [--]	7 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	7 U [--]	7 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	7 U [--]	7 U [--]
ISOPROPYLBENZENE	6 U [--]	7 U [--]	7 U [--]
M+P-XYLENES	12 U [--]	20 U [--]	20 U [--]
METHYL TERT-BUTYL ETHER	6 U [--]	7 U [--]	7 U [--]
METHYLENE CHLORIDE	6 U [--]	7 U [--]	7 J [--]
NAPHTHALENE	6 U [--]	7 U [--]	7 U [--]
N-BUTYLBENZENE	6 U [--]	7 U [--]	7 U [--]
N-PROPYLBENZENE	6 U [--]	7 U [--]	7 U [--]
O-XYLENE	6 U [--]	20 U [--]	20 U [--]
SEC-BUTYLBENZENE	6 U [--]	7 U [--]	7 U [--]
STYRENE	6 U [--]	7 U [--]	7 U [--]
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-025 SB-25A-SS 9/15/2004	SB-026 SB-26-10 11/17/2003	SB-027 SB-27-10 11/17/2003
TERT-BUTYLBENZENE	6 U [--]	7 U [--]	7 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	7 U [--]	7 U [--]
TOLUENE	6 U [--]	7 U [--]	7 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	7 U [--]	7 U [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	7 U [--]	7 U [--]
TRICHLOROETHENE	6 U [--]	7 U [--]	7 U [--]
TRICHLOROFLUOROMETHANE	6 U [--]	7 U [--]	7 U [--]
VINYL ACETATE	6 U [--]	7 U [--]	7 U [--]
VINYL CHLORIDE	6 U [--]	7 U [--]	7 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	400 U [--]	--	--
ACENAPHTHENE	400 U [--]	--	--
ACENAPHTHYLENE	400 U [--]	--	--
ANTHRACENE	400 U [--]	--	--
BAP EQUIVALENT-HALFND	400 U [--]	--	--
BAP EQUIVALENT-POS	400 U [--]	--	--
BAP EQUIVALENT-UCL	19.753394 [--]	--	--
BENZO(A)ANTHRACENE	400 U [--]	--	--
BENZO(A)PYRENE	400 U [--]	--	--
BENZO(B)FLUORANTHENE	400 U [--]	--	--
BENZO(G,H,I)PERYLENE	400 U [--]	--	--
BENZO(K)FLUORANTHENE	400 U [--]	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-025 SB-25A-SS 9/15/2004	SB-026 SB-26-10 11/17/2003	SB-027 SB-27-10 11/17/2003
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	400 U [--]	--	--
DIBENZO(A,H)ANTHRACENE	400 U [--]	--	--
FLUORANTHENE	400 U [--]	--	--
FLUORENE	400 U [--]	--	--
INDENO(1,2,3-CD)PYRENE	400 U [--]	--	--
NAPHTHALENE	400 U [--]	--	--
PHENANTHRENE	400 U [--]	--	--
PYRENE	400 U [--]	--	--
TOTAL PAHS	0 U [--]	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	300 U [--]	--	--
AROCLOR-1221	300 U [--]	--	--
AROCLOR-1232	300 U [--]	--	--
AROCLOR-1242	300 U [--]	--	--
AROCLOR-1248	300 U [--]	--	--
AROCLOR-1254	300 U [--]	--	--
AROCLOR-1260	300 U [--]	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-025	SB-026	SB-027
SAMPLE ID	SB-25A-SS	SB-26-10	SB-27-10
SAMPLE DATE	9/15/2004	11/17/2003	11/17/2003
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [--]	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	12000 U [--]	--	--
GASOLINE RANGE ORGANICS	1200 [--]	130 U [--]	130 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-028	SB-029	SB-030
SAMPLE ID	SB-28-10	SB-29-10	SB-30-05
SAMPLE DATE	11/17/2003	11/17/2003	11/18/2003
METALS (MG/KG)			
ANTIMONY	--	--	2.9 UL [--]
ARSENIC	--	--	0.99 L [--]
BARIUM	--	--	--
BERYLLIUM	--	--	3.2 [--]
CADMIUM	--	--	2.9 U [--]
CHROMIUM	--	--	19 L [--]
COBALT	--	--	--
COPPER	--	--	21 [--]
LEAD	--	--	7.4 L [--]
MERCURY	--	--	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	--	--	33 L [--]
SELENIUM	--	--	4.4 L [--]
SILVER	--	--	2.9 U [--]
THALLIUM	--	--	2.3 UL [--]
VANADIUM	--	--	--
ZINC	--	--	58 UJ [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	77 [--]	76 [--]	87 [--]
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	380 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	380 U [--]
2,4,5-TRICHLOROPHENOL	--	--	960 U [--]
2,4,6-TRICHLOROPHENOL	--	--	380 U [--]
2,4-DICHLOROPHENOL	--	--	380 U [--]
2,4-DIMETHYLPHENOL	--	--	380 U [--]
2,4-DINITROPHENOL	--	--	960 U [--]

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-028 SB-28-10 11/17/2003	SB-029 SB-29-10 11/17/2003	SB-030 SB-30-05 11/18/2003
2,4-DINITROTOLUENE	--	--	380 U [--]
2,6-DINITROTOLUENE	--	--	380 U [--]
2-CHLORONAPHTHALENE	--	--	380 U [--]
2-CHLOROPHENOL	--	--	380 U [--]
2-METHYLPHENOL	--	--	380 U [--]
2-NITROANILINE	--	--	960 U [--]
2-NITROPHENOL	--	--	380 U [--]
3&4-METHYLPHENOL	--	--	380 U [--]
3,3'-DICHLOROBENZIDINE	--	--	380 U [--]
3-NITROANILINE	--	--	960 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	--	880 U [--]
4-BROMOPHENYL PHENYL ETHER	--	--	380 U [--]
4-CHLORO-3-METHYLPHENOL	--	--	380 U [--]
4-CHLOROANILINE	--	--	380 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	--	380 U [--]
4-NITROANILINE	--	--	960 U [--]
4-NITROPHENOL	--	--	960 U [--]
ACETOPHENONE	--	--	380 U [--]
ANILINE	--	--	--
ATRAZINE	--	--	380 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	380 U [--]
BIS(2-CHLOROETHYL)ETHER	--	--	380 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	380 U [--]
BUTYL BENZYL PHTHALATE	--	--	380 U [--]
CAPROLACTAM	--	--	380 U [--]
CARBAZOLE	--	--	380 U [--]
DIBENZOFURAN	--	--	380 U [--]
DIETHYL PHTHALATE	--	--	380 U [--]
DIMETHYL PHTHALATE	--	--	380 U [--]
DI-N-BUTYL PHTHALATE	--	--	380 U [--]
DI-N-OCTYL PHTHALATE	--	--	380 U [--]
HEXACHLOROBENZENE	--	--	380 U [--]
HEXACHLOROBUTADIENE	--	--	380 U [--]
HEXACHLOROCYCLOPENTADIENE	--	--	380 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-028	SB-029	SB-030
SAMPLE ID	SB-28-10	SB-29-10	SB-30-05
SAMPLE DATE	11/17/2003	11/17/2003	11/18/2003
HEXACHLOROETHANE	--	--	380 U [--]
ISOPHORONE	--	--	380 U [--]
NITROBENZENE	--	--	380 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	380 U [--]
N-NITROSODIPHENYLAMINE	--	--	380 U [--]
PENTACHLOROPHENOL	--	--	960 U [--]
PHENOL	--	--	380 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,1-TRICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,2-TRICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,1-DICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
1,1-DICHLOROPROPENE	6 U [--]	7 U [--]	6 U [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,2-DIBROMOETHANE	6 U [--]	7 U [--]	6 U [--]
1,2-DICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,2-DICHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
1,2-DICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	7 U [--]	6 U [--]
1,3-DICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,3-DICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	7 U [--]	6 U [--]
2-BUTANONE	65 U [--]	9 J [--]	58 U [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	7 U [--]	6 U [--]
2-CHLOROTOLUENE	6 U [--]	7 U [--]	6 U [--]

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION	SB-028	SB-029	SB-030
SAMPLE ID	SB-28-10	SB-29-10	SB-30-05
SAMPLE DATE	11/17/2003	11/17/2003	11/18/2003
2-HEXANONE	65 U [--]	66 U [--]	58 U [--]
4-CHLOROTOLUENE	6 U [--]	7 U [--]	6 U [--]
4-ISOPROPYLTOLUENE	6 U [--]	7 U [--]	6 U [--]
4-METHYL-2-PENTANONE	65 U [--]	66 U [--]	58 U [--]
ACETONE	14 J [--]	45 J [--]	58 U [--]
BENZENE	6 U [--]	7 U [--]	6 U [--]
BROMOBENZENE	6 U [--]	7 U [--]	6 U [--]
BROMOCHLOROMETHANE	6 U [--]	7 U [--]	6 U [--]
BROMODICHLOROMETHANE	6 U [--]	7 U [--]	6 U [--]
BROMOFORM	6 U [--]	7 U [--]	6 U [--]
BROMOMETHANE	6 U [--]	7 U [--]	6 U [--]
CARBON DISULFIDE	6 U [--]	7 U [--]	6 U [--]
CARBON TETRACHLORIDE	6 U [--]	7 U [--]	6 U [--]
CHLOROBENZENE	6 U [--]	7 U [--]	6 U [--]
CHLORODIBROMOMETHANE	6 U [--]	7 U [--]	6 U [--]
CHLOROETHANE	6 U [--]	7 U [--]	6 U [--]
CHLOROFORM	6 U [--]	7 U [--]	6 U [--]
CHLOROMETHANE	6 U [--]	7 U [--]	6 U [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	7 U [--]	6 U [--]
DIBROMOMETHANE	6 U [--]	7 U [--]	6 U [--]
DICHLORODIFLUOROMETHANE	6 U [--]	7 U [--]	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	7 U [--]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 U [--]	7 U [--]	6 U [--]
ISOPROPYLBENZENE	6 U [--]	7 U [--]	6 U [--]
M+P-XYLENES	19 U [--]	20 U [--]	17 U [--]
METHYL TERT-BUTYL ETHER	6 U [--]	7 U [--]	6 U [--]
METHYLENE CHLORIDE	6 J [--]	7 U [--]	6 J [--]
NAPHTHALENE	6 U [--]	7 U [--]	6 U [--]
N-BUTYLBENZENE	6 U [--]	7 U [--]	6 U [--]
N-PROPYLBENZENE	6 U [--]	7 U [--]	6 U [--]
O-XYLENE	19 U [--]	20 U [--]	17 U [--]
SEC-BUTYLBENZENE	6 U [--]	7 U [--]	6 U [--]
STYRENE	6 U [--]	7 U [--]	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-028	SB-029	SB-030
SAMPLE ID	SB-28-10	SB-29-10	SB-30-05
SAMPLE DATE	11/17/2003	11/17/2003	11/18/2003
TERT-BUTYLBENZENE	6 U [--]	7 U [--]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
TOLUENE	6 U [--]	7 U [--]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	7 U [--]	6 U [--]
TRICHLOROETHENE	6 U [--]	7 U [--]	6 U [--]
TRICHLOROFLUOROMETHANE	6 U [--]	7 U [--]	6 U [--]
VINYL ACETATE	6 U [--]	7 U [--]	6 U [--]
VINYL CHLORIDE	6 U [--]	7 U [--]	6 U [--]

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	380 U [--]
ACENAPHTHENE	--	--	380 U [--]
ACENAPHTHYLENE	--	--	380 U [--]
ANTHRACENE	--	--	380 U [--]
BAP EQUIVALENT-HALFND	--	--	380 U [--]
BAP EQUIVALENT-POS	--	--	380 U [--]
BAP EQUIVALENT-UCL	--	--	36.827734 [--]
BENZO(A)ANTHRACENE	--	--	380 U [--]
BENZO(A)PYRENE	--	--	380 U [--]
BENZO(B)FLUORANTHENE	--	--	380 U [--]
BENZO(G,H,I)PERYLENE	--	--	380 U [--]
BENZO(K)FLUORANTHENE	--	--	380 U [--]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-028 SB-28-10 11/17/2003	SB-029 SB-29-10 11/17/2003	SB-030 SB-30-05 11/18/2003
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	--	380 U [--]
DIBENZO(A,H)ANTHRACENE	--	--	380 U [--]
FLUORANTHENE	--	--	380 U [--]
FLUORENE	--	--	380 U [--]
INDENO(1,2,3-CD)PYRENE	--	--	380 U [--]
NAPHTHALENE	--	--	380 U [--]
PHENANTHRENE	--	--	380 U [--]
PYRENE	--	--	380 U [--]
TOTAL PAHS	--	--	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	58 U [--]
AROCLOR-1221	--	--	58 U [--]
AROCLOR-1232	--	--	58 U [--]
AROCLOR-1242	--	--	58 U [--]
AROCLOR-1248	--	--	58 U [--]
AROCLOR-1254	--	--	58 U [--]
AROCLOR-1260	--	--	58 U [--]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-028	SB-029	SB-030
SAMPLE ID	SB-28-10	SB-29-10	SB-30-05
SAMPLE DATE	11/17/2003	11/17/2003	11/18/2003
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	0 U [--]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	23000 U [--]
GASOLINE RANGE ORGANICS	130 U [--]	130 U [--]	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-030	SB-050	SB-050
SAMPLE ID	SB-30A-SS	SB-50-05	SB-50-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
METALS (MG/KG)			
ANTIMONY	2.7 UR [--]	2.8 U [--]	2.7 U [--]
ARSENIC	2.3 L [--]	0.96 [--]	1.2 [--]
BARIUM	--	--	--
BERYLLIUM	2.7 U [--]	2.8 U [--]	2.7 U [--]
CADMIUM	2.7 UL [--]	2.8 U [--]	2.7 U [--]
CHROMIUM	8.7 L [--]	13.0 [--]	5.8 [--]
COBALT	--	--	--
COPPER	4.4 K [--]	8.7 [--]	10.0 [--]
LEAD	4.5 J [--]	6.7 [--]	4.8 [--]
MERCURY	0.11 UL [--]	0.11 U [--]	0.11 U [--]
MOLYBDENUM	--	--	--
NICKEL	4.5 K [--]	18.0 [--]	28.0 [--]
SELENIUM	2.7 UL [--]	2.8 U [--]	2.7 U [--]
SILVER	2.7 UR [--]	2.6 U [--]	2.5 U [--]
THALLIUM	2.2 UL [--]	2.2 UL [--]	2.2 UL [--]
VANADIUM	--	--	--
ZINC	27.0 UL [--]	43.0 K [--]	140 [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	360 U [--]	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U [--]	--	--
2,4,5-TRICHLOROPHENOL	900 U [--]	--	--
2,4,6-TRICHLOROPHENOL	360 U [--]	--	--
2,4-DICHLOROPHENOL	360 U [--]	--	--
2,4-DIMETHYLPHENOL	360 U [--]	--	--
2,4-DINITROPHENOL	900 U [--]	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-030	SB-050	SB-050
SAMPLE ID	SB-30A-SS	SB-50-05	SB-50-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
2,4-DINITROTOLUENE	360 U [--]	--	--
2,6-DINITROTOLUENE	360 U [--]	--	--
2-CHLORONAPHTHALENE	360 U [--]	--	--
2-CHLOROPHENOL	360 U [--]	--	--
2-METHYLPHENOL	360 U [--]	--	--
2-NITROANILINE	900 U [--]	--	--
2-NITROPHENOL	360 U [--]	--	--
3&4-METHYLPHENOL	360 U [--]	--	--
3,3'-DICHLOROBENZIDINE	360 U [--]	--	--
3-NITROANILINE	900 U [--]	--	--
4,6-DINITRO-2-METHYLPHENOL	830 U [--]	--	--
4-BROMOPHENYL PHENYL ETHER	360 U [--]	--	--
4-CHLORO-3-METHYLPHENOL	360 U [--]	--	--
4-CHLOROANILINE	360 U [--]	--	--
4-CHLOROPHENYL PHENYL ETHER	360 U [--]	--	--
4-NITROANILINE	900 U [--]	--	--
4-NITROPHENOL	900 U [--]	--	--
ACETOPHENONE	360 U [--]	--	--
ANILINE	--	--	--
ATRAZINE	360 U [--]	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	360 U [--]	--	--
BIS(2-CHLOROETHYL)ETHER	360 U [--]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	360 U [--]	--	--
BUTYL BENZYL PHTHALATE	360 U [--]	--	--
CAPROLACTAM	360 U [--]	--	--
CARBAZOLE	360 U [--]	--	--
DIBENZOFURAN	360 U [--]	--	--
DIETHYL PHTHALATE	360 U [--]	--	--
DIMETHYL PHTHALATE	360 U [--]	--	--
DI-N-BUTYL PHTHALATE	360 U [--]	--	--
DI-N-OCTYL PHTHALATE	360 U [--]	--	--
HEXACHLOROBENZENE	360 U [--]	--	--
HEXACHLOROBUTADIENE	360 U [--]	--	--
HEXACHLOROCYCLOPENTADIENE	360 U [--]	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-030	SB-050	SB-050
SAMPLE ID	SB-30A-SS	SB-50-05	SB-50-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
HEXACHLOROETHANE	360 U [--]	--	--
ISOPHORONE	360 U [--]	--	--
NITROBENZENE	360 U [--]	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	360 U [--]	--	--
N-NITROSODIPHENYLAMINE	360 U [--]	--	--
PENTACHLOROPHENOL	900 U [--]	--	--
PHENOL	360 U [--]	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	5 U [--]	--	--
1,1,1-TRICHLOROETHANE	5 U [--]	--	--
1,1,2,2-TETRACHLOROETHANE	5 U [--]	--	--
1,1,2-TRICHLOROETHANE	5 U [--]	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	5 U [--]	--	--
1,1-DICHLOROETHANE	5 U [--]	--	--
1,1-DICHLOROETHENE	5 U [--]	--	--
1,1-DICHLOROPROPENE	5 U [--]	--	--
1,2,3-TRICHLOROBENZENE	5 U [--]	--	--
1,2,3-TRICHLOROPROPANE	5 U [--]	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	5 U [--]	--	--
1,2,4-TRIMETHYLBENZENE	5 U [--]	--	--
1,2-DIBROMO-3-CHLOROPROPANE	5 U [--]	--	--
1,2-DIBROMOETHANE	5 U [--]	--	--
1,2-DICHLOROBENZENE	5 U [--]	--	--
1,2-DICHLOROETHANE	5 U [--]	--	--
1,2-DICHLOROPROPANE	5 U [--]	--	--
1,3,5-TRIMETHYLBENZENE	5 U [--]	--	--
1,3-DICHLOROBENZENE	5 U [--]	--	--
1,3-DICHLOROPROPANE	5 U [--]	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	5 U [--]	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	5 U [--]	--	--
2-BUTANONE	53 U [--]	--	--
2-CHLOROETHYL VINYL ETHER	5 U [--]	--	--
2-CHLOROTOLUENE	5 U [--]	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-030	SB-050	SB-050
SAMPLE ID	SB-30A-SS	SB-50-05	SB-50-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
2-HEXANONE	53 U [--]	--	--
4-CHLOROTOLUENE	5 U [--]	--	--
4-ISOPROPYLTOLUENE	5 U [--]	--	--
4-METHYL-2-PENTANONE	53 U [--]	--	--
ACETONE	53 UJ [--]	--	--
BENZENE	5 U [--]	--	--
BROMOBENZENE	5 U [--]	--	--
BROMOCHLOROMETHANE	5 U [--]	--	--
BROMODICHLOROMETHANE	5 U [--]	--	--
BROMOFORM	5 U [--]	--	--
BROMOMETHANE	5 U [--]	--	--
CARBON DISULFIDE	5 U [--]	--	--
CARBON TETRACHLORIDE	5 U [--]	--	--
CHLOROBENZENE	5 U [--]	--	--
CHLORODIBROMOMETHANE	5 U [--]	--	--
CHLOROETHANE	5 U [--]	--	--
CHLOROFORM	5 U [--]	--	--
CHLOROMETHANE	5 U [--]	--	--
CIS-1,2-DICHLOROETHENE	5 U [--]	--	--
CIS-1,3-DICHLOROPROPENE	5 U [--]	--	--
DIBROMOMETHANE	5 U [--]	--	--
DICHLORODIFLUOROMETHANE	5 U [--]	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	5 U [--]	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	5 U [--]	--	--
M+P-XYLENES	11 U [--]	--	--
METHYL TERT-BUTYL ETHER	5 U [--]	--	--
METHYLENE CHLORIDE	5 U [--]	--	--
NAPHTHALENE	5 U [--]	--	--
N-BUTYLBENZENE	5 U [--]	--	--
N-PROPYLBENZENE	5 U [--]	--	--
O-XYLENE	5 U [--]	--	--
SEC-BUTYLBENZENE	5 U [--]	--	--
STYRENE	5 U [--]	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-030 SB-30A-SS 9/15/2004	SB-050 SB-50-05 9/15/2004	SB-050 SB-50-10 9/15/2004
TERT-BUTYLBENZENE	5 U [--]	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	5 U [--]	--	--
TOLUENE	5 U [--]	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	5 U [--]	--	--
TRANS-1,3-DICHLOROPROPENE	5 U [--]	--	--
TRICHLOROETHENE	5 U [--]	--	--
TRICHLOROFLUOROMETHANE	5 U [--]	--	--
VINYL ACETATE	5 U [--]	--	--
VINYL CHLORIDE	5 U [--]	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	360 U [--]	--	--
ACENAPHTHENE	360 U [--]	--	--
ACENAPHTHYLENE	360 U [--]	--	--
ANTHRACENE	360 U [--]	--	--
BAP EQUIVALENT-HALFND	400.825 [--]	--	--
BAP EQUIVALENT-POS	4.825 [--]	--	--
BAP EQUIVALENT-UCL	132.19091 [--]	--	--
BENZO(A)ANTHRACENE	44 J [--]	--	--
BENZO(A)PYRENE	360 U [--]	--	--
BENZO(B)FLUORANTHENE	360 U [--]	--	--
BENZO(G,H,I)PERYLENE	360 U [--]	--	--
BENZO(K)FLUORANTHENE	37 J [--]	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-030	SB-050	SB-050
SAMPLE ID	SB-30A-SS	SB-50-05	SB-50-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	55 J [--]	--	--
DIBENZO(A,H)ANTHRACENE	360 U [--]	--	--
FLUORANTHENE	84 J [--]	--	--
FLUORENE	360 U [--]	--	--
INDENO(1,2,3-CD)PYRENE	360 U [--]	--	--
NAPHTHALENE	360 U [--]	--	--
PHENANTHRENE	74 J [--]	--	--
PYRENE	110 J [--]	--	--
TOTAL PAHS	404 [--]	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	270 U [--]	--	--
AROCLOR-1221	270 U [--]	--	--
AROCLOR-1232	270 U [--]	--	--
AROCLOR-1242	270 U [--]	--	--
AROCLOR-1248	270 U [--]	--	--
AROCLOR-1254	270 U [--]	--	--
AROCLOR-1260	270 U [--]	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-030	SB-050	SB-050
SAMPLE ID	SB-30A-SS	SB-50-05	SB-50-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [--]	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	10000 U [--]	--	--
GASOLINE RANGE ORGANICS	110 U [--]	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-050	SB-055	SB-055
SAMPLE ID	SB-50-SS	SB-55-05	SB-55-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
METALS (MG/KG)			
ANTIMONY	2.4 U [--]	2.8 U [--]	2.8 UR [--]
ARSENIC	3.2 [--]	1.9 [--]	0.58 L [--]
BARIUM	--	--	--
BERYLLIUM	2.4 U [--]	6.2 [--]	2.8 U [--]
CADMIUM	2.4 U [--]	2.8 U [--]	2.8 UL [--]
CHROMIUM	9.4 [--]	15.0 [--]	8.4 L [--]
COBALT	--	--	--
COPPER	17.0 [--]	56.0 [--]	12.0 [--]
LEAD	33.0 [--]	8.4 [--]	5.2 J [--]
MERCURY	0.42 [--]	0.11 U [--]	0.11 UL [--]
MOLYBDENUM	--	--	--
NICKEL	8.5 [--]	150 [--]	11.0 [--]
SELENIUM	2.4 U [--]	2.8 [--]	2.8 UL [--]
SILVER	2.3 U [--]	3.0 UL [--]	2.8 UR [--]
THALLIUM	1.9 U [--]	2.2 U [--]	2.3 UL [--]
VANADIUM	--	--	--
ZINC	100 [--]	270 [--]	62.0 J [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	410 U [--]	420 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	410 U [--]	420 U [--]
2,4,5-TRICHLOROPHENOL	--	1000 U [--]	1000 U [--]
2,4,6-TRICHLOROPHENOL	--	410 U [--]	420 U [--]
2,4-DICHLOROPHENOL	--	410 U [--]	420 U [--]
2,4-DIMETHYLPHENOL	--	410 U [--]	420 U [--]
2,4-DINITROPHENOL	--	1000 U [--]	1000 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-050 SB-50-SS 9/15/2004	SB-055 SB-55-05 9/15/2004	SB-055 SB-55-10 9/15/2004
2,4-DINITROTOLUENE	--	410 U [--]	420 U [--]
2,6-DINITROTOLUENE	--	410 U [--]	420 U [--]
2-CHLORONAPHTHALENE	--	410 U [--]	420 U [--]
2-CHLOROPHENOL	--	410 U [--]	420 U [--]
2-METHYLPHENOL	--	410 U [--]	420 U [--]
2-NITROANILINE	--	1000 U [--]	1000 U [--]
2-NITROPHENOL	--	410 U [--]	420 U [--]
3&4-METHYLPHENOL	--	410 U [--]	420 U [--]
3,3'-DICHLOROBENZIDINE	--	410 U [--]	420 U [--]
3-NITROANILINE	--	1000 U [--]	1000 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	940 U [--]	960 U [--]
4-BROMOPHENYL PHENYL ETHER	--	410 U [--]	420 U [--]
4-CHLORO-3-METHYLPHENOL	--	410 U [--]	420 U [--]
4-CHLOROANILINE	--	410 U [--]	420 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	410 U [--]	420 U [--]
4-NITROANILINE	--	1000 U [--]	1000 U [--]
4-NITROPHENOL	--	1000 U [--]	1000 U [--]
ACETOPHENONE	--	410 U [--]	420 U [--]
ANILINE	--	--	--
ATRAZINE	--	410 U [--]	420 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	410 U [--]	420 U [--]
BIS(2-CHLOROETHYL)ETHER	--	410 U [--]	420 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	410 U [--]	420 U [--]
BUTYL BENZYL PHTHALATE	--	410 U [--]	420 U [--]
CAPROLACTAM	--	410 U [--]	420 U [--]
CARBAZOLE	--	410 U [--]	420 U [--]
DIBENZOFURAN	--	410 U [--]	420 U [--]
DIETHYL PHTHALATE	--	410 U [--]	420 U [--]
DIMETHYL PHTHALATE	--	410 U [--]	310 J [--]
DI-N-BUTYL PHTHALATE	--	410 U [--]	420 U [--]
DI-N-OCTYL PHTHALATE	--	410 U [--]	420 U [--]
HEXACHLOROBENZENE	--	410 U [--]	420 U [--]
HEXACHLOROBUTADIENE	--	410 U [--]	420 U [--]
HEXACHLOROCYCLOPENTADIENE	--	410 U [--]	420 U [--]

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LOCATION SAMPLE ID SAMPLE DATE	SB-050 SB-50-SS 9/15/2004	SB-055 SB-55-05 9/15/2004	SB-055 SB-55-10 9/15/2004
HEXACHLOROETHANE	--	410 U [--]	420 U [--]
ISOPHORONE	--	410 U [--]	420 U [--]
NITROBENZENE	--	410 U [--]	420 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	410 U [--]	420 U [--]
N-NITROSODIPHENYLAMINE	--	410 U [--]	420 U [--]
PENTACHLOROPHENOL	--	1000 U [--]	1000 U [--]
PHENOL	--	480 [--]	420 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	6 U [--]	6 U [--]
1,1,1-TRICHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2-TRICHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	6 U [--]	6 U [--]
1,1-DICHLOROETHANE	--	6 U [--]	6 U [--]
1,1-DICHLOROETHENE	--	6 U [--]	6 U [--]
1,1-DICHLOROPROPENE	--	6 U [--]	6 U [--]
1,2,3-TRICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2,3-TRICHLOROPROPANE	--	6 U [--]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2,4-TRIMETHYLBENZENE	--	6 U [--]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	--	6 U [--]	6 U [--]
1,2-DIBROMOETHANE	--	6 U [--]	6 U [--]
1,2-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2-DICHLOROETHANE	--	6 U [--]	6 U [--]
1,2-DICHLOROPROPANE	--	6 U [--]	6 U [--]
1,3,5-TRIMETHYLBENZENE	--	6 U [--]	6 U [--]
1,3-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,3-DICHLOROPROPANE	--	6 U [--]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	6 U [--]	6 U [--]
2-BUTANONE	--	61 U [--]	62 U [--]
2-CHLOROETHYL VINYL ETHER	--	6 U [--]	6 U [--]
2-CHLOROTOLUENE	--	6 U [--]	6 U [--]

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LOCATION SAMPLE ID SAMPLE DATE	SB-050 SB-50-SS 9/15/2004	SB-055 SB-55-05 9/15/2004	SB-055 SB-55-10 9/15/2004
2-HEXANONE	--	61 U [--]	62 U [--]
4-CHLOROTOLUENE	--	6 U [--]	6 U [--]
4-ISOPROPYLTOLUENE	--	6 U [--]	6 U [--]
4-METHYL-2-PENTANONE	--	61 U [--]	62 U [--]
ACETONE	--	61 UJ [--]	62 UJ [--]
BENZENE	--	6 U [--]	6 U [--]
BROMOBENZENE	--	6 U [--]	6 U [--]
BROMOCHLOROMETHANE	--	6 U [--]	6 U [--]
BROMODICHLOROMETHANE	--	6 U [--]	6 U [--]
BROMOFORM	--	6 U [--]	6 U [--]
BROMOMETHANE	--	6 U [--]	6 U [--]
CARBON DISULFIDE	--	6 U [--]	6 U [--]
CARBON TETRACHLORIDE	--	6 U [--]	6 U [--]
CHLOROBENZENE	--	6 U [--]	6 U [--]
CHLORODIBROMOMETHANE	--	6 U [--]	6 U [--]
CHLOROETHANE	--	6 U [--]	6 U [--]
CHLOROFORM	--	6 U [--]	6 U [--]
CHLOROMETHANE	--	6 U [--]	6 U [--]
CIS-1,2-DICHLOROETHENE	--	6 U [--]	6 U [--]
CIS-1,3-DICHLOROPROPENE	--	6 U [--]	6 U [--]
DIBROMOMETHANE	--	6 U [--]	6 U [--]
DICHLORODIFLUOROMETHANE	--	6 U [--]	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	6 U [--]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	6 U [--]	6 U [--]
M+P-XYLENES	--	12 U [--]	12 U [--]
METHYL TERT-BUTYL ETHER	--	6 U [--]	6 U [--]
METHYLENE CHLORIDE	--	7 B [--]	6 U [--]
NAPHTHALENE	--	6 U [--]	6 U [--]
N-BUTYLBENZENE	--	6 U [--]	6 U [--]
N-PROPYLBENZENE	--	6 U [--]	6 U [--]
O-XYLENE	--	6 U [--]	6 U [--]
SEC-BUTYLBENZENE	--	6 U [--]	6 U [--]
STYRENE	--	6 U [--]	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-050 SB-50-SS 9/15/2004	SB-055 SB-55-05 9/15/2004	SB-055 SB-55-10 9/15/2004
TERT-BUTYLBENZENE	--	6 U [--]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	6 U [--]	6 U [--]
TOLUENE	--	6 U [--]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	6 U [--]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	--	6 U [--]	6 U [--]
TRICHLOROETHENE	--	6 U [--]	6 U [--]
TRICHLOROFLUOROMETHANE	--	6 U [--]	6 U [--]
VINYL ACETATE	--	6 U [--]	6 U [--]
VINYL CHLORIDE	--	6 U [--]	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	410 U [--]	420 U [--]
ACENAPHTHENE	--	410 U [--]	420 U [--]
ACENAPHTHYLENE	--	410 U [--]	420 U [--]
ANTHRACENE	--	410 U [--]	420 U [--]
BAP EQUIVALENT-HALFND	--	410 U [--]	463.85 [--]
BAP EQUIVALENT-POS	--	410 U [--]	253.85 [--]
BAP EQUIVALENT-UCL	--	62.744778 [--]	290.209311 [--]
BENZO(A)ANTHRACENE	--	410 U [--]	220 J [--]
BENZO(A)PYRENE	--	410 U [--]	200 J [--]
BENZO(B)FLUORANTHENE	--	410 U [--]	190 J [--]
BENZO(G,H,I)PERYLENE	--	410 U [--]	140 J [--]
BENZO(K)FLUORANTHENE	--	410 U [--]	160 J [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-050 SB-50-SS 9/15/2004	SB-055 SB-55-05 9/15/2004	SB-055 SB-55-10 9/15/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	410 U [--]	250 J [--]
DIBENZO(A,H)ANTHRACENE	--	410 U [--]	420 U [--]
FLUORANTHENE	--	410 U [--]	490 [--]
FLUORENE	--	410 U [--]	420 U [--]
INDENO(1,2,3-CD)PYRENE	--	410 U [--]	110 J [--]
NAPHTHALENE	--	410 U [--]	420 U [--]
PHENANTHRENE	--	410 U [--]	190 J [--]
PYRENE	--	410 U [--]	370 J [--]
TOTAL PAHS	--	0 U [--]	2320 [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	24 U [--]	--
4,4'-DDE	--	24 U [--]	--
4,4'-DDT	--	24 U [--]	--
ALDRIN	--	24 U [--]	--
ALPHA-BHC	--	24 U [--]	--
ALPHA-CHLORDANE	--	24 U [--]	--
AROCLOR-1016	--	300 U [--]	310 U [--]
AROCLOR-1221	--	300 U [--]	310 U [--]
AROCLOR-1232	--	300 U [--]	310 U [--]
AROCLOR-1242	--	300 U [--]	310 U [--]
AROCLOR-1248	--	300 U [--]	310 U [--]
AROCLOR-1254	--	300 U [--]	310 U [--]
AROCLOR-1260	--	300 U [--]	310 U [--]
BETA-BHC	--	24 U [--]	--
DELTA-BHC	--	24 U [--]	--
DIELDRIN	--	24 U [--]	--
ENDOSULFAN I	--	24 U [--]	--
ENDOSULFAN II	--	24 U [--]	--
ENDOSULFAN SULFATE	--	24 U [--]	--
ENDRIN	--	24 U [--]	--
ENDRIN ALDEHYDE	--	24 U [--]	--
ENDRIN KETONE	--	24 U [--]	--
GAMMA-BHC (LINDANE)	--	24 U [--]	--
GAMMA-CHLORDANE	--	24 U [--]	--
HEPTACHLOR	--	24 U [--]	--

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SOIL

LOCATION	SB-050	SB-055	SB-055
SAMPLE ID	SB-50-SS	SB-55-05	SB-55-10
SAMPLE DATE	9/15/2004	9/15/2004	9/15/2004
HEPTACHLOR EPOXIDE	--	24 U [--]	--
METHOXYCHLOR	--	24 U [--]	--
TOTAL AROCLOR	--	0 U [--]	0 U [--]
TOTAL DDT POS	--	0 U [--]	--
TOXAPHENE	--	600 U [--]	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	12000 U [--]	12000 U [--]
GASOLINE RANGE ORGANICS	--	120 U [--]	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-055	SB-055	SB-055
SAMPLE ID	SB-55-SS	F-SB-55RE-10	F-SB-55RE-11
SAMPLE DATE	9/15/2004	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	2.7 UR [--]	--	--
ARSENIC	1.5 L [--]	--	--
BARIUM	--	--	--
BERYLLIUM	2.7 U [--]	--	--
CADMIUM	2.7 UL [--]	--	--
CHROMIUM	13.0 L [--]	--	--
COBALT	--	--	--
COPPER	74.0 [--]	--	--
LEAD	420 J [--]	--	--
MERCURY	0.11 UL [--]	--	--
MOLYBDENUM	--	--	--
NICKEL	13.0 [--]	--	--
SELENIUM	2.7 UL [--]	--	--
SILVER	2.7 UR [--]	--	--
THALLIUM	2.1 UL [--]	--	--
VANADIUM	--	--	--
ZINC	58.0 J [--]	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	350 U [--]	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	350 U [--]	--	--
2,4,5-TRICHLOROPHENOL	890 U [--]	--	--
2,4,6-TRICHLOROPHENOL	350 U [--]	--	--
2,4-DICHLOROPHENOL	350 U [--]	--	--
2,4-DIMETHYLPHENOL	350 U [--]	--	--
2,4-DINITROPHENOL	890 U [--]	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-055 SB-55-SS 9/15/2004	SB-055 F-SB-55RE-10 9/18/2009	SB-055 F-SB-55RE-11 9/18/2009
2,4-DINITROTOLUENE	350 U [--]	--	--
2,6-DINITROTOLUENE	350 U [--]	--	--
2-CHLORONAPHTHALENE	350 U [--]	--	--
2-CHLOROPHENOL	350 U [--]	--	--
2-METHYLPHENOL	350 U [--]	--	--
2-NITROANILINE	890 U [--]	--	--
2-NITROPHENOL	350 U [--]	--	--
3&4-METHYLPHENOL	350 U [--]	--	--
3,3'-DICHLOROBENZIDINE	350 U [--]	--	--
3-NITROANILINE	890 U [--]	--	--
4,6-DINITRO-2-METHYLPHENOL	820 U [--]	--	--
4-BROMOPHENYL PHENYL ETHER	350 U [--]	--	--
4-CHLORO-3-METHYLPHENOL	350 U [--]	--	--
4-CHLOROANILINE	350 U [--]	--	--
4-CHLOROPHENYL PHENYL ETHER	350 U [--]	--	--
4-NITROANILINE	890 U [--]	--	--
4-NITROPHENOL	890 U [--]	--	--
ACETOPHENONE	350 U [--]	--	--
ANILINE	--	--	--
ATRAZINE	350 U [--]	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	350 U [--]	--	--
BIS(2-CHLOROETHYL)ETHER	350 U [--]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	350 U [--]	--	--
BUTYL BENZYL PHTHALATE	350 U [--]	--	--
CAPROLACTAM	350 U [--]	--	--
CARBAZOLE	350 U [--]	--	--
DIBENZOFURAN	350 U [--]	--	--
DIETHYL PHTHALATE	350 U [--]	--	--
DIMETHYL PHTHALATE	350 U [--]	--	--
DI-N-BUTYL PHTHALATE	350 U [--]	--	--
DI-N-OCTYL PHTHALATE	350 U [--]	--	--
HEXACHLOROBENZENE	350 U [--]	--	--
HEXACHLOROBUTADIENE	350 U [--]	--	--
HEXACHLOROCYCLOPENTADIENE	350 U [--]	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-055 SB-55-SS 9/15/2004	SB-055 F-SB-55RE-10 9/18/2009	SB-055 F-SB-55RE-11 9/18/2009
HEXACHLOROETHANE	350 U [--]	--	--
ISOPHORONE	350 U [--]	--	--
NITROBENZENE	350 U [--]	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	350 U [--]	--	--
N-NITROSODIPHENYLAMINE	350 U [--]	--	--
PENTACHLOROPHENOL	890 U [--]	--	--
PHENOL	350 U [--]	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	5 U [--]	--	--
1,1,1-TRICHLOROETHANE	5 U [--]	--	--
1,1,2,2-TETRACHLOROETHANE	5 U [--]	--	--
1,1,2-TRICHLOROETHANE	5 U [--]	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	5 U [--]	--	--
1,1-DICHLOROETHANE	5 U [--]	--	--
1,1-DICHLOROETHENE	5 U [--]	--	--
1,1-DICHLOROPROPENE	5 U [--]	--	--
1,2,3-TRICHLOROBENZENE	5 U [--]	--	--
1,2,3-TRICHLOROPROPANE	5 U [--]	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	5 U [--]	--	--
1,2,4-TRIMETHYLBENZENE	5 U [--]	--	--
1,2-DIBROMO-3-CHLOROPROPANE	5 U [--]	--	--
1,2-DIBROMOETHANE	5 U [--]	--	--
1,2-DICHLOROBENZENE	5 U [--]	--	--
1,2-DICHLOROETHANE	5 U [--]	--	--
1,2-DICHLOROPROPANE	5 U [--]	--	--
1,3,5-TRIMETHYLBENZENE	5 U [--]	--	--
1,3-DICHLOROBENZENE	5 U [--]	--	--
1,3-DICHLOROPROPANE	5 U [--]	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	5 U [--]	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	5 U [--]	--	--
2-BUTANONE	53 U [--]	--	--
2-CHLOROETHYL VINYL ETHER	5 U [--]	--	--
2-CHLOROTOLUENE	5 U [--]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-055 SB-55-SS 9/15/2004	SB-055 F-SB-55RE-10 9/18/2009	SB-055 F-SB-55RE-11 9/18/2009
2-HEXANONE	53 U [--]	--	--
4-CHLOROTOLUENE	5 U [--]	--	--
4-ISOPROPYLTOLUENE	5 U [--]	--	--
4-METHYL-2-PENTANONE	53 U [--]	--	--
ACETONE	53 UJ [--]	--	--
BENZENE	5 U [--]	--	--
BROMOBENZENE	5 U [--]	--	--
BROMOCHLOROMETHANE	5 U [--]	--	--
BROMODICHLOROMETHANE	5 U [--]	--	--
BROMOFORM	5 U [--]	--	--
BROMOMETHANE	5 U [--]	--	--
CARBON DISULFIDE	5 U [--]	--	--
CARBON TETRACHLORIDE	5 U [--]	--	--
CHLOROBENZENE	5 U [--]	--	--
CHLORODIBROMOMETHANE	5 U [--]	--	--
CHLOROETHANE	5 U [--]	--	--
CHLOROFORM	5 U [--]	--	--
CHLOROMETHANE	5 U [--]	--	--
CIS-1,2-DICHLOROETHENE	5 U [--]	--	--
CIS-1,3-DICHLOROPROPENE	5 U [--]	--	--
DIBROMOMETHANE	5 U [--]	--	--
DICHLORODIFLUOROMETHANE	5 U [--]	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	5 U [--]	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	5 U [--]	--	--
M+P-XYLENES	11 U [--]	--	--
METHYL TERT-BUTYL ETHER	5 U [--]	--	--
METHYLENE CHLORIDE	5 U [--]	--	--
NAPHTHALENE	5 U [--]	--	--
N-BUTYLBENZENE	5 U [--]	--	--
N-PROPYLBENZENE	5 U [--]	--	--
O-XYLENE	5 U [--]	--	--
SEC-BUTYLBENZENE	5 U [--]	--	--
STYRENE	5 U [--]	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-055 SB-55-SS 9/15/2004	SB-055 F-SB-55RE-10 9/18/2009	SB-055 F-SB-55RE-11 9/18/2009
TERT-BUTYLBENZENE	5 U [--]	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	5 U [--]	--	--
TOLUENE	5 U [--]	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	5 U [--]	--	--
TRANS-1,3-DICHLOROPROPENE	5 U [--]	--	--
TRICHLOROETHENE	5 U [--]	--	--
TRICHLOROFLUOROMETHANE	5 U [--]	--	--
VINYL ACETATE	5 U [--]	--	--
VINYL CHLORIDE	5 U [--]	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	350 U [--]	--	--
ACENAPHTHENE	350 U [--]	--	--
ACENAPHTHYLENE	350 U [--]	--	--
ANTHRACENE	350 U [--]	--	--
BAP EQUIVALENT-HALFND	313.13 [--]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	120.63 [--]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	179.530336 [--]	--	--
BENZO(A)ANTHRACENE	110 J [--]	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]
BENZO(A)PYRENE	99 J [--]	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]
BENZO(B)FLUORANTHENE	94 J [--]	1.40 U [MDL=1.4]	1.40 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	70 J [--]	--	--
BENZO(K)FLUORANTHENE	110 J [--]	2.00 U [MDL=2]	2.00 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-055 SB-55-SS 9/15/2004	SB-055 F-SB-55RE-10 9/18/2009	SB-055 F-SB-55RE-11 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	130 J [--]	1.00 U [MDL=1]	1.10 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	350 U [--]	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]
FLUORANTHENE	270 J [--]	--	--
FLUORENE	350 U [--]	--	--
INDENO(1,2,3-CD)PYRENE	350 U [--]	1.70 U [MDL=1.7]	1.80 U [MDL=1.8]
NAPHTHALENE	350 U [--]	--	--
PHENANTHRENE	160 J [--]	--	--
PYRENE	160 J [--]	--	--
TOTAL PAHS	1203 [--]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	42 U [--]	--	--
4,4'-DDE	42 U [--]	--	--
4,4'-DDT	42 U [--]	--	--
ALDRIN	42 U [--]	--	--
ALPHA-BHC	42 U [--]	--	--
ALPHA-CHLORDANE	42 U [--]	--	--
AROCLOR-1016	260 U [--]	--	--
AROCLOR-1221	260 U [--]	--	--
AROCLOR-1232	260 U [--]	--	--
AROCLOR-1242	260 U [--]	--	--
AROCLOR-1248	260 U [--]	--	--
AROCLOR-1254	260 U [--]	--	--
AROCLOR-1260	260 U [--]	--	--
BETA-BHC	42 U [--]	--	--
DELTA-BHC	42 U [--]	--	--
DIELDRIN	42 U [--]	--	--
ENDOSULFAN I	42 U [--]	--	--
ENDOSULFAN II	42 U [--]	--	--
ENDOSULFAN SULFATE	42 U [--]	--	--
ENDRIN	42 U [--]	--	--
ENDRIN ALDEHYDE	42 U [--]	--	--
ENDRIN KETONE	42 U [--]	--	--
GAMMA-BHC (LINDANE)	42 U [--]	--	--
GAMMA-CHLORDANE	42 U [--]	--	--
HEPTACHLOR	42 U [--]	--	--

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SOIL

LOCATION	SB-055	SB-055	SB-055
SAMPLE ID	SB-55-SS	F-SB-55RE-10	F-SB-55RE-11
SAMPLE DATE	9/15/2004	9/18/2009	9/18/2009
HEPTACHLOR EPOXIDE	42 U [--]	--	--
METHOXYCHLOR	42 U [--]	--	--
TOTAL AROCLOR	0 U [--]	--	--
TOTAL DDT POS	0 U [--]	--	--
TOXAPHENE	1000 U [--]	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	13000 [--]	--	--
GASOLINE RANGE ORGANICS	110 U [--]	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-05	SB-56-10	SB-56-15
SAMPLE DATE	9/13/2004	9/13/2004	9/13/2004
METALS (MG/KG)			
ANTIMONY	2.6 UR [--]	2.9 UR [--]	2.8 UR [--]
ARSENIC	0.53 UL [--]	0.58 UL [--]	0.56 UL [--]
BARIUM	--	--	--
BERYLLIUM	2.6 U [--]	2.9 U [--]	2.8 U [--]
CADMIUM	2.6 UL [--]	2.9 UL [--]	2.8 UL [--]
CHROMIUM	15.0 L [--]	10.0 L [--]	9.5 L [--]
COBALT	--	--	--
COPPER	10.0 [--]	4.7 K [--]	3.9 K [--]
LEAD	3.2 J [--]	2.9 UJ [--]	2.8 UJ [--]
MERCURY	0.11 UL [--]	0.12 UL [--]	0.11 UL [--]
MOLYBDENUM	--	--	--
NICKEL	11.0 [--]	5.3 K [--]	6.0 [--]
SELENIUM	2.6 UL [--]	2.9 UL [--]	2.8 UL [--]
SILVER	2.6 UR [--]	2.9 UR [--]	2.8 UR [--]
THALLIUM	2.1 UL [--]	2.3 UL [--]	2.2 UL [--]
VANADIUM	--	--	--
ZINC	26.0 UL [--]	29.0 UL [--]	28.0 UL [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	380 U [--]	390 U [--]	400 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	380 U [--]	390 U [--]	400 U [--]
2,4,5-TRICHLOROPHENOL	940 U [--]	970 U [--]	1000 U [--]
2,4,6-TRICHLOROPHENOL	380 U [--]	390 U [--]	400 U [--]
2,4-DICHLOROPHENOL	380 U [--]	390 U [--]	400 U [--]
2,4-DIMETHYLPHENOL	380 U [--]	390 U [--]	400 U [--]
2,4-DINITROPHENOL	940 U [--]	970 U [--]	1000 U [--]

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-05	SB-56-10	SB-56-15
SAMPLE DATE	9/13/2004	9/13/2004	9/13/2004
2,4-DINITROTOLUENE	380 U [--]	390 U [--]	400 U [--]
2,6-DINITROTOLUENE	380 U [--]	390 U [--]	400 U [--]
2-CHLORONAPHTHALENE	380 U [--]	390 U [--]	400 U [--]
2-CHLOROPHENOL	380 U [--]	390 U [--]	400 U [--]
2-METHYLPHENOL	380 U [--]	390 U [--]	400 U [--]
2-NITROANILINE	940 U [--]	970 U [--]	1000 U [--]
2-NITROPHENOL	380 U [--]	390 U [--]	400 U [--]
3&4-METHYLPHENOL	380 U [--]	390 U [--]	400 U [--]
3,3'-DICHLOROBENZIDINE	380 U [--]	390 U [--]	400 U [--]
3-NITROANILINE	940 U [--]	970 U [--]	1000 U [--]
4,6-DINITRO-2-METHYLPHENOL	860 U [--]	890 U [--]	930 U [--]
4-BROMOPHENYL PHENYL ETHER	380 U [--]	390 U [--]	400 U [--]
4-CHLORO-3-METHYLPHENOL	380 U [--]	390 U [--]	400 U [--]
4-CHLOROANILINE	380 U [--]	390 U [--]	400 U [--]
4-CHLOROPHENYL PHENYL ETHER	380 U [--]	390 U [--]	400 U [--]
4-NITROANILINE	940 U [--]	970 U [--]	1000 U [--]
4-NITROPHENOL	940 U [--]	970 U [--]	1000 U [--]
ACETOPHENONE	380 U [--]	390 U [--]	400 U [--]
ANILINE	--	--	--
ATRAZINE	380 U [--]	390 U [--]	400 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	380 U [--]	390 U [--]	400 U [--]
BIS(2-CHLOROETHYL)ETHER	380 U [--]	390 U [--]	400 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	380 U [--]	390 U [--]	400 U [--]
BUTYL BENZYL PHTHALATE	380 U [--]	390 U [--]	400 U [--]
CAPROLACTAM	380 U [--]	390 U [--]	400 U [--]
CARBAZOLE	380 U [--]	390 U [--]	400 U [--]
DIBENZOFURAN	380 U [--]	390 U [--]	400 U [--]
DIETHYL PHTHALATE	380 U [--]	390 U [--]	400 U [--]
DIMETHYL PHTHALATE	380 U [--]	390 U [--]	400 U [--]
DI-N-BUTYL PHTHALATE	380 U [--]	390 U [--]	400 U [--]
DI-N-OCTYL PHTHALATE	380 U [--]	390 U [--]	400 U [--]
HEXACHLOROBENZENE	380 U [--]	390 U [--]	400 U [--]
HEXACHLOROBUTADIENE	380 U [--]	390 U [--]	400 U [--]
HEXACHLOROCYCLOPENTADIENE	380 U [--]	390 U [--]	400 U [--]

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SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-05	SB-56-10	SB-56-15
SAMPLE DATE	9/13/2004	9/13/2004	9/13/2004
HEXACHLOROETHANE	380 U [--]	390 U [--]	400 U [--]
ISOPHORONE	380 U [--]	390 U [--]	400 U [--]
NITROBENZENE	380 U [--]	390 U [--]	400 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	380 U [--]	390 U [--]	400 U [--]
N-NITROSODIPHENYLAMINE	380 U [--]	390 U [--]	400 U [--]
PENTACHLOROPHENOL	940 U [--]	970 U [--]	1000 U [--]
PHENOL	910 [--]	730 [--]	770 [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,1-TRICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,2-TRICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1-DICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,1-DICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
1,1-DICHLOROPROPENE	6 U [--]	6 U [--]	6 U [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,2-DIBROMOETHANE	6 U [--]	6 U [--]	6 U [--]
1,2-DICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,2-DICHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
1,2-DICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	6 U [--]	6 U [--]
1,3-DICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,3-DICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	6 U [--]	6 U [--]
2-BUTANONE	57 U [--]	58 U [--]	59 U [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	6 U [--]	6 U [--]
2-CHLOROTOLUENE	6 U [--]	6 U [--]	6 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-05	SB-56-10	SB-56-15
SAMPLE DATE	9/13/2004	9/13/2004	9/13/2004
2-HEXANONE	57 U [--]	58 U [--]	59 U [--]
4-CHLOROTOLUENE	6 U [--]	6 U [--]	6 U [--]
4-ISOPROPYLTOLUENE	6 U [--]	6 U [--]	6 U [--]
4-METHYL-2-PENTANONE	57 U [--]	58 U [--]	59 U [--]
ACETONE	57 UJ [--]	58 UJ [--]	59 UJ [--]
BENZENE	6 U [--]	6 U [--]	6 U [--]
BROMOBENZENE	6 U [--]	6 U [--]	6 U [--]
BROMOCHLOROMETHANE	6 U [--]	6 U [--]	6 U [--]
BROMODICHLOROMETHANE	6 U [--]	6 U [--]	6 U [--]
BROMOFORM	6 U [--]	6 U [--]	6 U [--]
BROMOMETHANE	6 U [--]	6 U [--]	6 U [--]
CARBON DISULFIDE	6 U [--]	6 U [--]	6 U [--]
CARBON TETRACHLORIDE	6 U [--]	6 U [--]	6 U [--]
CHLOROBENZENE	6 U [--]	6 U [--]	6 U [--]
CHLORODIBROMOMETHANE	6 U [--]	6 U [--]	6 U [--]
CHLOROETHANE	6 U [--]	6 U [--]	6 U [--]
CHLOROFORM	6 U [--]	6 U [--]	6 U [--]
CHLOROMETHANE	6 U [--]	6 U [--]	6 U [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	6 U [--]
DIBROMOMETHANE	6 U [--]	6 U [--]	6 U [--]
DICHLORODIFLUOROMETHANE	6 U [--]	6 U [--]	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	6 U [--]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	6 U [--]	6 U [--]	6 U [--]
M+P-XYLENES	11 U [--]	12 U [--]	12 U [--]
METHYL TERT-BUTYL ETHER	6 U [--]	6 U [--]	6 U [--]
METHYLENE CHLORIDE	6 U [--]	6 U [--]	6 U [--]
NAPHTHALENE	6 U [--]	6 U [--]	6 U [--]
N-BUTYLBENZENE	6 U [--]	6 U [--]	6 U [--]
N-PROPYLBENZENE	6 U [--]	6 U [--]	6 U [--]
O-XYLENE	6 U [--]	6 U [--]	6 U [--]
SEC-BUTYLBENZENE	6 U [--]	6 U [--]	6 U [--]
STYRENE	6 U [--]	6 U [--]	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 SB-56-05 9/13/2004	SB-056 SB-56-10 9/13/2004	SB-056 SB-56-15 9/13/2004
TERT-BUTYLBENZENE	6 U [--]	6 U [--]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
TOLUENE	6 U [--]	6 U [--]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	6 U [--]
TRICHLOROETHENE	6 U [--]	6 U [--]	6 U [--]
TRICHLOROFLUOROMETHANE	6 U [--]	6 U [--]	6 U [--]
VINYL ACETATE	6 U [--]	6 U [--]	6 U [--]
VINYL CHLORIDE	6 U [--]	6 U [--]	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	380 U [--]	390 U [--]	400 U [--]
ACENAPHTHENE	380 U [--]	390 U [--]	400 U [--]
ACENAPHTHYLENE	380 U [--]	390 U [--]	400 U [--]
ANTHRACENE	380 U [--]	390 U [--]	400 U [--]
BAP EQUIVALENT-HALFND	380 U [--]	390 U [--]	400 U [--]
BAP EQUIVALENT-POS	380 U [--]	390 U [--]	400 U [--]
BAP EQUIVALENT-UCL	250.639039 [--]	181.481133 [--]	123.358033 [--]
BENZO(A)ANTHRACENE	380 U [--]	390 U [--]	400 U [--]
BENZO(A)PYRENE	380 U [--]	390 U [--]	400 U [--]
BENZO(B)FLUORANTHENE	380 U [--]	390 U [--]	400 U [--]
BENZO(G,H,I)PERYLENE	380 U [--]	390 U [--]	400 U [--]
BENZO(K)FLUORANTHENE	380 U [--]	390 U [--]	400 U [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 SB-56-05 9/13/2004	SB-056 SB-56-10 9/13/2004	SB-056 SB-56-15 9/13/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	380 U [--]	390 U [--]	400 U [--]
DIBENZO(A,H)ANTHRACENE	380 U [--]	390 U [--]	400 U [--]
FLUORANTHENE	380 U [--]	390 U [--]	400 U [--]
FLUORENE	380 U [--]	390 U [--]	400 U [--]
INDENO(1,2,3-CD)PYRENE	380 U [--]	390 U [--]	400 U [--]
NAPHTHALENE	380 U [--]	390 U [--]	400 U [--]
PHENANTHRENE	380 U [--]	390 U [--]	400 U [--]
PYRENE	380 U [--]	390 U [--]	400 U [--]
TOTAL PAHS	0 U [--]	0 U [--]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	22 U [--]	--	--
4,4'-DDE	22 U [--]	--	--
4,4'-DDT	22 U [--]	--	--
ALDRIN	22 U [--]	--	--
ALPHA-BHC	22 U [--]	--	--
ALPHA-CHLORDANE	22 U [--]	--	--
AROCLOR-1016	280 U [--]	280 U [--]	300 U [--]
AROCLOR-1221	280 U [--]	280 U [--]	300 U [--]
AROCLOR-1232	280 U [--]	280 U [--]	300 U [--]
AROCLOR-1242	280 U [--]	280 U [--]	300 U [--]
AROCLOR-1248	280 U [--]	280 U [--]	300 U [--]
AROCLOR-1254	280 U [--]	280 U [--]	300 U [--]
AROCLOR-1260	280 U [--]	280 U [--]	300 U [--]
BETA-BHC	22 U [--]	--	--
DELTA-BHC	22 U [--]	--	--
DIELDRIN	22 U [--]	--	--
ENDOSULFAN I	22 U [--]	--	--
ENDOSULFAN II	22 U [--]	--	--
ENDOSULFAN SULFATE	22 U [--]	--	--
ENDRIN	22 U [--]	--	--
ENDRIN ALDEHYDE	22 U [--]	--	--
ENDRIN KETONE	22 U [--]	--	--
GAMMA-BHC (LINDANE)	22 U [--]	--	--
GAMMA-CHLORDANE	22 U [--]	--	--
HEPTACHLOR	22 U [--]	--	--

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LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-05	SB-56-10	SB-56-15
SAMPLE DATE	9/13/2004	9/13/2004	9/13/2004
HEPTACHLOR EPOXIDE	22 U [--]	--	--
METHOXYCHLOR	22 U [--]	--	--
TOTAL AROCLOR	0 U [--]	0 U [--]	0 U [--]
TOTAL DDT POS	0 U [--]	--	--
TOXAPHENE	560 U [--]	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	11000 U [--]	11000 U [--]	12000 U [--]
GASOLINE RANGE ORGANICS	110 U [--]	110 U [--]	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-SS	F-SB-56RE-1	F-SB-56RE-10
SAMPLE DATE	9/13/2004	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	4.0 UR [--]	--	--
ARSENIC	2.9 L [--]	--	--
BARIUM	--	--	--
BERYLLIUM	4.0 U [--]	--	--
CADMIUM	4.0 UL [--]	--	--
CHROMIUM	14.0 L [--]	--	--
COBALT	--	--	--
COPPER	11.0 [--]	--	--
LEAD	6.3 J [--]	--	--
MERCURY	0.16 UL [--]	--	--
MOLYBDENUM	--	--	--
NICKEL	5.1 K [--]	--	--
SELENIUM	4.0 UL [--]	--	--
SILVER	4.0 UR [--]	--	--
THALLIUM	3.2 UL [--]	--	--
VANADIUM	--	--	--
ZINC	40.0 UL [--]	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	560 U [--]	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	560 U [--]	--	--
2,4,5-TRICHLOROPHENOL	1400 U [--]	--	--
2,4,6-TRICHLOROPHENOL	560 U [--]	--	--
2,4-DICHLOROPHENOL	560 U [--]	--	--
2,4-DIMETHYLPHENOL	560 U [--]	--	--
2,4-DINITROPHENOL	1400 U [--]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 SB-56-SS 9/13/2004	SB-056 F-SB-56RE-1 9/18/2009	SB-056 F-SB-56RE-10 9/18/2009
2,4-DINITROTOLUENE	560 U [--]	--	--
2,6-DINITROTOLUENE	560 U [--]	--	--
2-CHLORONAPHTHALENE	560 U [--]	--	--
2-CHLOROPHENOL	560 U [--]	--	--
2-METHYLPHENOL	560 U [--]	--	--
2-NITROANILINE	1400 U [--]	--	--
2-NITROPHENOL	560 U [--]	--	--
3&4-METHYLPHENOL	560 U [--]	--	--
3,3'-DICHLOROBENZIDINE	560 U [--]	--	--
3-NITROANILINE	1400 U [--]	--	--
4,6-DINITRO-2-METHYLPHENOL	1300 U [--]	--	--
4-BROMOPHENYL PHENYL ETHER	560 U [--]	--	--
4-CHLORO-3-METHYLPHENOL	560 U [--]	--	--
4-CHLOROANILINE	560 U [--]	--	--
4-CHLOROPHENYL PHENYL ETHER	560 U [--]	--	--
4-NITROANILINE	1400 U [--]	--	--
4-NITROPHENOL	1400 U [--]	--	--
ACETOPHENONE	560 U [--]	--	--
ANILINE	--	--	--
ATRAZINE	560 U [--]	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	560 U [--]	--	--
BIS(2-CHLOROETHYL)ETHER	560 U [--]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	560 U [--]	--	--
BUTYL BENZYL PHTHALATE	560 U [--]	--	--
CAPROLACTAM	560 U [--]	--	--
CARBAZOLE	560 U [--]	--	--
DIBENZOFURAN	560 U [--]	--	--
DIETHYL PHTHALATE	560 U [--]	--	--
DIMETHYL PHTHALATE	560 U [--]	--	--
DI-N-BUTYL PHTHALATE	560 U [--]	--	--
DI-N-OCTYL PHTHALATE	560 U [--]	--	--
HEXACHLOROBENZENE	560 U [--]	--	--
HEXACHLOROBUTADIENE	560 U [--]	--	--
HEXACHLOROCYCLOPENTADIENE	560 U [--]	--	--

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SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-SS	F-SB-56RE-1	F-SB-56RE-10
SAMPLE DATE	9/13/2004	9/18/2009	9/18/2009
HEXACHLOROETHANE	560 U [--]	--	--
ISOPHORONE	560 U [--]	--	--
NITROBENZENE	560 U [--]	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	560 U [--]	--	--
N-NITROSODIPHENYLAMINE	560 U [--]	--	--
PENTACHLOROPHENOL	1400 U [--]	--	--
PHENOL	560 U [--]	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	8 U [--]	--	--
1,1,1-TRICHLOROETHANE	8 U [--]	--	--
1,1,2,2-TETRACHLOROETHANE	8 U [--]	--	--
1,1,2-TRICHLOROETHANE	8 U [--]	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	8 U [--]	--	--
1,1-DICHLOROETHANE	8 U [--]	--	--
1,1-DICHLOROETHENE	8 U [--]	--	--
1,1-DICHLOROPROPENE	8 U [--]	--	--
1,2,3-TRICHLOROBENZENE	8 U [--]	--	--
1,2,3-TRICHLOROPROPANE	8 U [--]	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	8 U [--]	--	--
1,2,4-TRIMETHYLBENZENE	8 U [--]	--	--
1,2-DIBROMO-3-CHLOROPROPANE	8 U [--]	--	--
1,2-DIBROMOETHANE	8 U [--]	--	--
1,2-DICHLOROBENZENE	8 U [--]	--	--
1,2-DICHLOROETHANE	8 U [--]	--	--
1,2-DICHLOROPROPANE	8 U [--]	--	--
1,3,5-TRIMETHYLBENZENE	8 U [--]	--	--
1,3-DICHLOROBENZENE	8 U [--]	--	--
1,3-DICHLOROPROPANE	8 U [--]	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	8 U [--]	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	8 U [--]	--	--
2-BUTANONE	82 U [--]	--	--
2-CHLOROETHYL VINYL ETHER	8 U [--]	--	--
2-CHLOROTOLUENE	8 U [--]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 SB-56-SS 9/13/2004	SB-056 F-SB-56RE-1 9/18/2009	SB-056 F-SB-56RE-10 9/18/2009
2-HEXANONE	82 U [--]	--	--
4-CHLOROTOLUENE	8 U [--]	--	--
4-ISOPROPYLTOLUENE	8 U [--]	--	--
4-METHYL-2-PENTANONE	82 U [--]	--	--
ACETONE	82 U [--]	--	--
BENZENE	8 U [--]	--	--
BROMOBENZENE	8 U [--]	--	--
BROMOCHLOROMETHANE	8 U [--]	--	--
BROMODICHLOROMETHANE	8 U [--]	--	--
BROMOFORM	8 U [--]	--	--
BROMOMETHANE	8 U [--]	--	--
CARBON DISULFIDE	8 U [--]	--	--
CARBON TETRACHLORIDE	8 U [--]	--	--
CHLOROBENZENE	8 U [--]	--	--
CHLORODIBROMOMETHANE	8 U [--]	--	--
CHLOROETHANE	8 U [--]	--	--
CHLOROFORM	8 U [--]	--	--
CHLOROMETHANE	8 U [--]	--	--
CIS-1,2-DICHLOROETHENE	8 U [--]	--	--
CIS-1,3-DICHLOROPROPENE	8 U [--]	--	--
DIBROMOMETHANE	8 U [--]	--	--
DICHLORODIFLUOROMETHANE	8 U [--]	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	8 U [--]	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	8 U [--]	--	--
M+P-XYLENES	16 U [--]	--	--
METHYL TERT-BUTYL ETHER	8 U [--]	--	--
METHYLENE CHLORIDE	8 U [--]	--	--
NAPHTHALENE	8 U [--]	--	--
N-BUTYLBENZENE	8 U [--]	--	--
N-PROPYLBENZENE	8 U [--]	--	--
O-XYLENE	8 U [--]	--	--
SEC-BUTYLBENZENE	8 U [--]	--	--
STYRENE	8 U [--]	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 SB-56-SS 9/13/2004	SB-056 F-SB-56RE-1 9/18/2009	SB-056 F-SB-56RE-10 9/18/2009
TERT-BUTYLBENZENE	8 U [--]	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	8 U [--]	--	--
TOLUENE	8 U [--]	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	8 U [--]	--	--
TRANS-1,3-DICHLOROPROPENE	8 U [--]	--	--
TRICHLOROETHENE	8 U [--]	--	--
TRICHLOROFLUOROMETHANE	8 U [--]	--	--
VINYL ACETATE	8 U [--]	--	--
VINYL CHLORIDE	8 U [--]	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	560 U [--]	--	--
ACENAPHTHENE	560 U [--]	--	--
ACENAPHTHYLENE	560 U [--]	--	--
ANTHRACENE	560 U [--]	--	--
BAP EQUIVALENT-HALFND	560 U [--]	22.839 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	560 U [--]	22.039 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	80.642029 [--]	--	--
BENZO(A)ANTHRACENE	560 U [--]	17 [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	560 U [--]	17 [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	560 U [--]	21 [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	560 U [--]	--	--
BENZO(K)FLUORANTHENE	560 U [--]	12 [MDL=2.1]	2.0 U [MDL=2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 SB-56-SS 9/13/2004	SB-056 F-SB-56RE-1 9/18/2009	SB-056 F-SB-56RE-10 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	560 U [--]	19 [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	560 U [--]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
FLUORANTHENE	560 U [--]	--	--
FLUORENE	560 U [--]	--	--
INDENO(1,2,3-CD)PYRENE	560 U [--]	11 [MDL=1.9]	1.8 U [MDL=1.8]
NAPHTHALENE	560 U [--]	--	--
PHENANTHRENE	560 U [--]	--	--
PYRENE	560 U [--]	--	--
TOTAL PAHS	0 U [--]	97 [MDL=1.6]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	33 U [--]	--	--
4,4'-DDE	33 U [--]	--	--
4,4'-DDT	33 U [--]	--	--
ALDRIN	33 U [--]	--	--
ALPHA-BHC	33 U [--]	--	--
ALPHA-CHLORDANE	33 U [--]	--	--
AROCLOR-1016	410 U [--]	--	--
AROCLOR-1221	410 U [--]	--	--
AROCLOR-1232	410 U [--]	--	--
AROCLOR-1242	410 U [--]	--	--
AROCLOR-1248	410 U [--]	--	--
AROCLOR-1254	410 U [--]	--	--
AROCLOR-1260	410 U [--]	--	--
BETA-BHC	33 U [--]	--	--
DELTA-BHC	33 U [--]	--	--
DIELDRIN	33 U [--]	--	--
ENDOSULFAN I	33 U [--]	--	--
ENDOSULFAN II	33 U [--]	--	--
ENDOSULFAN SULFATE	33 U [--]	--	--
ENDRIN	33 U [--]	--	--
ENDRIN ALDEHYDE	33 U [--]	--	--
ENDRIN KETONE	33 U [--]	--	--
GAMMA-BHC (LINDANE)	33 U [--]	--	--
GAMMA-CHLORDANE	33 U [--]	--	--
HEPTACHLOR	33 U [--]	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	SB-56-SS	F-SB-56RE-1	F-SB-56RE-10
SAMPLE DATE	9/13/2004	9/18/2009	9/18/2009
HEPTACHLOR EPOXIDE	33 U [--]	--	--
METHOXYCHLOR	33 U [--]	--	--
TOTAL AROCLOR	0 U [--]	--	--
TOTAL DDT POS	0 U [--]	--	--
TOXAPHENE	820 U [--]	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	17000 U [--]	--	--
GASOLINE RANGE ORGANICS	170 U [--]	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	F-SB-56RE-11	F-SB-56RE-12	F-SB-56RE-13
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-11 9/18/2009	SB-056 F-SB-56RE-12 9/18/2009	SB-056 F-SB-56RE-13 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	F-SB-56RE-11	F-SB-56RE-12	F-SB-56RE-13
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-11 9/18/2009	SB-056 F-SB-56RE-12 9/18/2009	SB-056 F-SB-56RE-13 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-11 9/18/2009	SB-056 F-SB-56RE-12 9/18/2009	SB-056 F-SB-56RE-13 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-11 9/18/2009	SB-056 F-SB-56RE-12 9/18/2009	SB-056 F-SB-56RE-13 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.0 U [MDL=1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-11 9/18/2009	SB-056 F-SB-56RE-12 9/18/2009	SB-056 F-SB-56RE-13 9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-13-D 9/18/2009	SB-056 F-SB-56RE-14 9/18/2009	SB-056 F-SB-56RE-15 9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-13-D 9/18/2009	SB-056 F-SB-56RE-14 9/18/2009	SB-056 F-SB-56RE-15 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	F-SB-56RE-13-D	F-SB-56RE-14	F-SB-56RE-15
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-13-D 9/18/2009	SB-056 F-SB-56RE-14 9/18/2009	SB-056 F-SB-56RE-15 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-13-D 9/18/2009	SB-056 F-SB-56RE-14 9/18/2009	SB-056 F-SB-56RE-15 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2.1]	2.0 U [MDL=2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-13-D 9/18/2009	SB-056 F-SB-56RE-14 9/18/2009	SB-056 F-SB-56RE-15 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-13-D 9/18/2009	SB-056 F-SB-56RE-14 9/18/2009	SB-056 F-SB-56RE-15 9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	F-SB-56RE-2	F-SB-56RE-3	F-SB-56RE-4
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-2 9/18/2009	SB-056 F-SB-56RE-3 9/18/2009	SB-056 F-SB-56RE-4 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-2 9/18/2009	SB-056 F-SB-56RE-3 9/18/2009	SB-056 F-SB-56RE-4 9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-2 9/18/2009	SB-056 F-SB-56RE-3 9/18/2009	SB-056 F-SB-56RE-4 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-2 9/18/2009	SB-056 F-SB-56RE-3 9/18/2009	SB-056 F-SB-56RE-4 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.3 U [MDL=1.3]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	1.9 U [MDL=1.9]	1.9 U [MDL=1.9]	1.9 U [MDL=1.9]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-2 9/18/2009	SB-056 F-SB-56RE-3 9/18/2009	SB-056 F-SB-56RE-4 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.0 U [MDL=1]	1.0 U [MDL=1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-2 9/18/2009	SB-056 F-SB-56RE-3 9/18/2009	SB-056 F-SB-56RE-4 9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	F-SB-56RE-5	F-SB-56RE-6	F-SB-56RE-7
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-5 9/18/2009	SB-056 F-SB-56RE-6 9/18/2009	SB-056 F-SB-56RE-7 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-5 9/18/2009	SB-056 F-SB-56RE-6 9/18/2009	SB-056 F-SB-56RE-7 9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-5 9/18/2009	SB-056 F-SB-56RE-6 9/18/2009	SB-056 F-SB-56RE-7 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-5 9/18/2009	SB-056 F-SB-56RE-6 9/18/2009	SB-056 F-SB-56RE-7 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-5 9/18/2009	SB-056 F-SB-56RE-6 9/18/2009	SB-056 F-SB-56RE-7 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.9 U [MDL=1.9]	1.9 U [MDL=1.9]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.6]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL			
LOCATION	SB-056	SB-056	SB-056
SAMPLE ID	F-SB-56RE-5	F-SB-56RE-6	F-SB-56RE-7
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
 [MDL=1.4] = Laboratory method detection limit
 [--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
 Blank (i.e., no qualifier) = the chemical was detected.
 J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
 U = The chemical was not detected.
 L = The chemical result was positively detected and biased low.
 UR = The chemical was nondetected and rejected.
 UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
 K = The chemical result was positively detected and biased high.
 UL = The chemical was nondetected and the concentration reported is an biased low.
 B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-8 9/18/2009	SB-056 F-SB-56RE-9 9/18/2009	SB-093 SB-93-05 9/16/2004
METALS (MG/KG)			
ANTIMONY	--	--	3 UR [--]
ARSENIC	--	--	0.59 UL [--]
BARIUM	--	--	--
BERYLLIUM	--	--	3 UL [--]
CADMIUM	--	--	3 UL [--]
CHROMIUM	--	--	20 [--]
COBALT	--	--	--
COPPER	--	--	13 L [--]
LEAD	--	--	8.7 L [--]
MERCURY	--	--	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	--	--	17 [--]
SELENIUM	--	--	4.3 L [--]
SILVER	--	--	3 UR [--]
THALLIUM	--	--	2.4 UL [--]
VANADIUM	--	--	--
ZINC	--	--	30 U [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	400 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	400 U [--]
2,4,5-TRICHLOROPHENOL	--	--	990 U [--]
2,4,6-TRICHLOROPHENOL	--	--	400 U [--]
2,4-DICHLOROPHENOL	--	--	400 U [--]
2,4-DIMETHYLPHENOL	--	--	400 U [--]
2,4-DINITROPHENOL	--	--	990 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-8 9/18/2009	SB-056 F-SB-56RE-9 9/18/2009	SB-093 SB-93-05 9/16/2004
2,4-DINITROTOLUENE	--	--	400 U [--]
2,6-DINITROTOLUENE	--	--	400 U [--]
2-CHLORONAPHTHALENE	--	--	400 U [--]
2-CHLOROPHENOL	--	--	400 U [--]
2-METHYLPHENOL	--	--	400 U [--]
2-NITROANILINE	--	--	990 U [--]
2-NITROPHENOL	--	--	400 U [--]
3&4-METHYLPHENOL	--	--	400 U [--]
3,3'-DICHLOROBENZIDINE	--	--	400 U [--]
3-NITROANILINE	--	--	990 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	--	910 U [--]
4-BROMOPHENYL PHENYL ETHER	--	--	400 U [--]
4-CHLORO-3-METHYLPHENOL	--	--	400 U [--]
4-CHLOROANILINE	--	--	400 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	--	400 U [--]
4-NITROANILINE	--	--	990 U [--]
4-NITROPHENOL	--	--	990 U [--]
ACETOPHENONE	--	--	400 U [--]
ANILINE	--	--	--
ATRAZINE	--	--	400 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	400 U [--]
BIS(2-CHLOROETHYL)ETHER	--	--	400 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	400 U [--]
BUTYL BENZYL PHTHALATE	--	--	400 U [--]
CAPROLACTAM	--	--	400 U [--]
CARBAZOLE	--	--	400 U [--]
DIBENZOFURAN	--	--	400 U [--]
DIETHYL PHTHALATE	--	--	400 U [--]
DIMETHYL PHTHALATE	--	--	400 U [--]
DI-N-BUTYL PHTHALATE	--	--	400 U [--]
DI-N-OCTYL PHTHALATE	--	--	400 U [--]
HEXACHLOROBENZENE	--	--	400 U [--]
HEXACHLOROBUTADIENE	--	--	400 U [--]
HEXACHLOROCYCLOPENTADIENE	--	--	400 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-056	SB-056	SB-093
SAMPLE ID	F-SB-56RE-8	F-SB-56RE-9	SB-93-05
SAMPLE DATE	9/18/2009	9/18/2009	9/16/2004
HEXACHLOROETHANE	--	--	400 U [--]
ISOPHORONE	--	--	400 U [--]
NITROBENZENE	--	--	400 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	400 U [--]
N-NITROSODIPHENYLAMINE	--	--	400 U [--]
PENTACHLOROPHENOL	--	--	990 U [--]
PHENOL	--	--	400 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	6 U [--]
1,1,1-TRICHLOROETHANE	--	--	6 U [--]
1,1,2,2-TETRACHLOROETHANE	--	--	6 U [--]
1,1,2-TRICHLOROETHANE	--	--	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	6 U [--]
1,1-DICHLOROETHANE	--	--	6 U [--]
1,1-DICHLOROETHENE	--	--	6 U [--]
1,1-DICHLOROPROPENE	--	--	6 U [--]
1,2,3-TRICHLOROBENZENE	--	--	6 U [--]
1,2,3-TRICHLOROPROPANE	--	--	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	6 U [--]
1,2,4-TRIMETHYLBENZENE	--	--	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	--	--	6 U [--]
1,2-DIBROMOETHANE	--	--	6 U [--]
1,2-DICHLOROBENZENE	--	--	6 U [--]
1,2-DICHLOROETHANE	--	--	6 U [--]
1,2-DICHLOROPROPANE	--	--	6 U [--]
1,3,5-TRIMETHYLBENZENE	--	--	6 U [--]
1,3-DICHLOROBENZENE	--	--	6 U [--]
1,3-DICHLOROPROPANE	--	--	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	6 U [--]
2-BUTANONE	--	--	60 U [--]
2-CHLOROETHYL VINYL ETHER	--	--	6 U [--]
2-CHLOROTOLUENE	--	--	6 U [--]

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-8 9/18/2009	SB-056 F-SB-56RE-9 9/18/2009	SB-093 SB-93-05 9/16/2004
2-HEXANONE	--	--	60 U [--]
4-CHLOROTOLUENE	--	--	6 U [--]
4-ISOPROPYLTOLUENE	--	--	6 U [--]
4-METHYL-2-PENTANONE	--	--	60 U [--]
ACETONE	--	--	60 U [--]
BENZENE	--	--	6 U [--]
BROMOBENZENE	--	--	6 U [--]
BROMOCHLOROMETHANE	--	--	6 U [--]
BROMODICHLOROMETHANE	--	--	6 U [--]
BROMOFORM	--	--	6 U [--]
BROMOMETHANE	--	--	6 U [--]
CARBON DISULFIDE	--	--	6 U [--]
CARBON TETRACHLORIDE	--	--	6 U [--]
CHLOROBENZENE	--	--	6 U [--]
CHLORODIBROMOMETHANE	--	--	6 U [--]
CHLOROETHANE	--	--	6 U [--]
CHLOROFORM	--	--	6 U [--]
CHLOROMETHANE	--	--	6 U [--]
CIS-1,2-DICHLOROETHENE	--	--	6 U [--]
CIS-1,3-DICHLOROPROPENE	--	--	6 U [--]
DIBROMOMETHANE	--	--	6 U [--]
DICHLORODIFLUOROMETHANE	--	--	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	6 U [--]
M+P-XYLENES	--	--	12 U [--]
METHYL TERT-BUTYL ETHER	--	--	6 U [--]
METHYLENE CHLORIDE	--	--	6 U [--]
NAPHTHALENE	--	--	6 U [--]
N-BUTYLBENZENE	--	--	6 U [--]
N-PROPYLBENZENE	--	--	6 U [--]
O-XYLENE	--	--	6 U [--]
SEC-BUTYLBENZENE	--	--	6 U [--]
STYRENE	--	--	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-8 9/18/2009	SB-056 F-SB-56RE-9 9/18/2009	SB-093 SB-93-05 9/16/2004
TERT-BUTYLBENZENE	--	--	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	6 U [--]
TOLUENE	--	--	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	6 U [--]
TRANS-1,3-DICHLOROPROPENE	--	--	6 U [--]
TRICHLOROETHENE	--	--	6 U [--]
TRICHLOROFLUOROMETHANE	--	--	6 U [--]
VINYL ACETATE	--	--	6 U [--]
VINYL CHLORIDE	--	--	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	400 U [--]
ACENAPHTHENE	--	--	400 U [--]
ACENAPHTHYLENE	--	--	400 U [--]
ANTHRACENE	--	--	400 U [--]
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	400 U [--]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	400 U [--]
BAP EQUIVALENT-UCL	--	--	343.609261 [--]
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	400 U [--]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	400 U [--]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	400 U [--]
BENZO(G,H,I)PERYLENE	--	--	400 U [--]
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	400 U [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-056 F-SB-56RE-8 9/18/2009	SB-056 F-SB-56RE-9 9/18/2009	SB-093 SB-93-05 9/16/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.0 U [MDL=1]	1.0 U [MDL=1]	400 U [--]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	400 U [--]
FLUORANTHENE	--	--	400 U [--]
FLUORENE	--	--	400 U [--]
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	400 U [--]
NAPHTHALENE	--	--	400 U [--]
PHENANTHRENE	--	--	400 U [--]
PYRENE	--	--	400 U [--]
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	23 U [--]
4,4'-DDE	--	--	23 U [--]
4,4'-DDT	--	--	23 U [--]
ALDRIN	--	--	23 U [--]
ALPHA-BHC	--	--	23 U [--]
ALPHA-CHLORDANE	--	--	23 U [--]
AROCLOR-1016	--	--	290 U [--]
AROCLOR-1221	--	--	290 U [--]
AROCLOR-1232	--	--	290 U [--]
AROCLOR-1242	--	--	290 U [--]
AROCLOR-1248	--	--	290 U [--]
AROCLOR-1254	--	--	290 U [--]
AROCLOR-1260	--	--	290 U [--]
BETA-BHC	--	--	23 U [--]
DELTA-BHC	--	--	23 U [--]
DIELDRIN	--	--	23 U [--]
ENDOSULFAN I	--	--	23 U [--]
ENDOSULFAN II	--	--	23 U [--]
ENDOSULFAN SULFATE	--	--	23 U [--]
ENDRIN	--	--	23 U [--]
ENDRIN ALDEHYDE	--	--	23 U [--]
ENDRIN KETONE	--	--	23 U [--]
GAMMA-BHC (LINDANE)	--	--	23 U [--]
GAMMA-CHLORDANE	--	--	23 U [--]
HEPTACHLOR	--	--	23 U [--]

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SOIL

LOCATION	SB-056	SB-056	SB-093
SAMPLE ID	F-SB-56RE-8	F-SB-56RE-9	SB-93-05
SAMPLE DATE	9/18/2009	9/18/2009	9/16/2004
HEPTACHLOR EPOXIDE	--	--	23 U [--]
METHOXYCHLOR	--	--	23 U [--]
TOTAL AROCLOR	--	--	0 U [--]
TOTAL DDT POS	--	--	0 U [--]
TOXAPHENE	--	--	580 U [--]
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	12000 U [--]
GASOLINE RANGE ORGANICS	--	--	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-093	SB-093	SB-093
SAMPLE ID	SB-93-10	SB-93-15	SB-93-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
METALS (MG/KG)			
ANTIMONY	2.8 UR [--]	2.8 UR [--]	3.1 UR [--]
ARSENIC	0.56 UL [--]	0.56 UL [--]	1.8 L [--]
BARIUM	--	--	--
BERYLLIUM	2.8 UL [--]	2.8 UL [--]	3.1 UL [--]
CADMIUM	2.8 UL [--]	2.8 UL [--]	3.5 L [--]
CHROMIUM	9.9 K [--]	18 [--]	110 [--]
COBALT	--	--	--
COPPER	10 L [--]	12 L [--]	21 L [--]
LEAD	2.9 L [--]	4 L [--]	73 L [--]
MERCURY	0.11 U [--]	0.11 U [--]	0.68 [--]
MOLYBDENUM	--	--	--
NICKEL	4 K [--]	18 [--]	11 [--]
SELENIUM	2.8 UL [--]	2.8 UL [--]	3.1 UL [--]
SILVER	2.8 UR [--]	2.8 UR [--]	3.1 UR [--]
THALLIUM	2.2 UL [--]	2.3 UL [--]	2.5 UL [--]
VANADIUM	--	--	--
ZINC	28 U [--]	28 U [--]	100 K [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	390 U [--]	400 U [--]	4500 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U [--]	400 U [--]	4500 U [--]
2,4,5-TRICHLOROPHENOL	980 U [--]	990 U [--]	11000 U [--]
2,4,6-TRICHLOROPHENOL	390 U [--]	400 U [--]	4500 U [--]
2,4-DICHLOROPHENOL	390 U [--]	400 U [--]	4500 U [--]
2,4-DIMETHYLPHENOL	390 U [--]	400 U [--]	4500 U [--]
2,4-DINITROPHENOL	980 U [--]	990 U [--]	11000 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 SB-93-10 9/16/2004	SB-093 SB-93-15 9/16/2004	SB-093 SB-93-SS 9/16/2004
2,4-DINITROTOLUENE	390 U [--]	400 U [--]	4500 U [--]
2,6-DINITROTOLUENE	390 U [--]	400 U [--]	4500 U [--]
2-CHLORONAPHTHALENE	390 U [--]	400 U [--]	4500 U [--]
2-CHLOROPHENOL	390 U [--]	400 U [--]	4500 U [--]
2-METHYLPHENOL	390 U [--]	400 U [--]	4500 U [--]
2-NITROANILINE	980 U [--]	990 U [--]	11000 U [--]
2-NITROPHENOL	390 U [--]	400 U [--]	4500 U [--]
3&4-METHYLPHENOL	390 U [--]	400 U [--]	4500 U [--]
3,3'-DICHLOROBENZIDINE	390 U [--]	400 U [--]	4500 U [--]
3-NITROANILINE	980 U [--]	990 U [--]	11000 U [--]
4,6-DINITRO-2-METHYLPHENOL	900 U [--]	910 U [--]	10000 U [--]
4-BROMOPHENYL PHENYL ETHER	390 U [--]	400 U [--]	4500 U [--]
4-CHLORO-3-METHYLPHENOL	390 U [--]	400 U [--]	4500 U [--]
4-CHLOROANILINE	390 U [--]	400 U [--]	4500 U [--]
4-CHLOROPHENYL PHENYL ETHER	390 U [--]	400 U [--]	4500 U [--]
4-NITROANILINE	980 U [--]	990 U [--]	11000 U [--]
4-NITROPHENOL	980 U [--]	990 U [--]	11000 U [--]
ACETOPHENONE	390 U [--]	400 U [--]	4500 U [--]
ANILINE	--	--	--
ATRAZINE	390 U [--]	400 U [--]	4500 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	390 U [--]	400 U [--]	4500 U [--]
BIS(2-CHLOROETHYL)ETHER	390 U [--]	400 U [--]	4500 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	390 U [--]	400 U [--]	4500 U [--]
BUTYL BENZYL PHTHALATE	390 U [--]	400 U [--]	4500 U [--]
CAPROLACTAM	390 U [--]	400 U [--]	4500 U [--]
CARBAZOLE	390 U [--]	400 U [--]	4500 U [--]
DIBENZOFURAN	390 U [--]	400 U [--]	4500 U [--]
DIETHYL PHTHALATE	390 U [--]	400 U [--]	4500 U [--]
DIMETHYL PHTHALATE	390 U [--]	400 U [--]	4500 U [--]
DI-N-BUTYL PHTHALATE	390 U [--]	400 U [--]	4500 U [--]
DI-N-OCTYL PHTHALATE	390 U [--]	400 U [--]	4500 U [--]
HEXACHLOROBENZENE	390 U [--]	400 U [--]	4500 U [--]
HEXACHLOROBUTADIENE	390 U [--]	400 U [--]	4500 U [--]
HEXACHLOROCYCLOPENTADIENE	390 U [--]	400 U [--]	4500 U [--]

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SOIL

LOCATION	SB-093	SB-093	SB-093
SAMPLE ID	SB-93-10	SB-93-15	SB-93-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
HEXACHLOROETHANE	390 U [--]	400 U [--]	4500 U [--]
ISOPHORONE	390 U [--]	400 U [--]	4500 U [--]
NITROBENZENE	390 U [--]	400 U [--]	4500 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	390 U [--]	400 U [--]	4500 U [--]
N-NITROSODIPHENYLAMINE	390 U [--]	400 U [--]	4500 U [--]
PENTACHLOROPHENOL	980 U [--]	990 U [--]	11000 U [--]
PHENOL	390 U [--]	400 U [--]	4500 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	7 U [--]
1,1,1-TRICHLOROETHANE	6 U [--]	6 U [--]	7 U [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	7 U [--]
1,1,2-TRICHLOROETHANE	6 U [--]	6 U [--]	7 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [--]	6 U [--]	7 U [--]
1,1-DICHLOROETHANE	6 U [--]	6 U [--]	7 U [--]
1,1-DICHLOROETHENE	6 U [--]	6 U [--]	7 U [--]
1,1-DICHLOROPROPENE	6 U [--]	6 U [--]	7 U [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	6 U [--]	7 U [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	6 U [--]	7 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	6 U [--]	7 U [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	6 U [--]	7 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	6 U [--]	7 U [--]
1,2-DIBROMOETHANE	6 U [--]	6 U [--]	7 U [--]
1,2-DICHLOROBENZENE	6 U [--]	6 U [--]	7 U [--]
1,2-DICHLOROETHANE	6 U [--]	6 U [--]	7 U [--]
1,2-DICHLOROPROPANE	6 U [--]	6 U [--]	7 U [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	6 U [--]	7 U [--]
1,3-DICHLOROBENZENE	6 U [--]	6 U [--]	7 U [--]
1,3-DICHLOROPROPANE	6 U [--]	6 U [--]	7 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	6 U [--]	7 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	6 U [--]	7 U [--]
2-BUTANONE	59 U [--]	59 U [--]	66 U [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	6 U [--]	7 U [--]
2-CHLOROTOLUENE	6 U [--]	6 U [--]	7 U [--]

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LOCATION	SB-093	SB-093	SB-093
SAMPLE ID	SB-93-10	SB-93-15	SB-93-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
2-HEXANONE	59 U [--]	59 U [--]	66 U [--]
4-CHLOROTOLUENE	6 U [--]	6 U [--]	7 U [--]
4-ISOPROPYLTOLUENE	6 U [--]	6 U [--]	7 U [--]
4-METHYL-2-PENTANONE	59 U [--]	59 U [--]	66 U [--]
ACETONE	59 U [--]	59 U [--]	66 U [--]
BENZENE	6 U [--]	6 U [--]	7 U [--]
BROMOBENZENE	6 U [--]	6 U [--]	7 U [--]
BROMOCHLOROMETHANE	6 U [--]	6 U [--]	7 U [--]
BROMODICHLOROMETHANE	6 U [--]	6 U [--]	7 U [--]
BROMOFORM	6 U [--]	6 U [--]	7 U [--]
BROMOMETHANE	6 U [--]	6 U [--]	7 U [--]
CARBON DISULFIDE	6 U [--]	6 U [--]	7 U [--]
CARBON TETRACHLORIDE	6 U [--]	6 U [--]	7 U [--]
CHLOROBENZENE	6 U [--]	6 U [--]	7 U [--]
CHLORODIBROMOMETHANE	6 U [--]	6 U [--]	7 U [--]
CHLOROETHANE	6 U [--]	6 U [--]	7 U [--]
CHLOROFORM	6 U [--]	6 U [--]	7 U [--]
CHLOROMETHANE	6 U [--]	6 U [--]	7 U [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	7 U [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	7 U [--]
DIBROMOMETHANE	6 U [--]	6 U [--]	7 U [--]
DICHLORODIFLUOROMETHANE	6 U [--]	6 U [--]	7 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	6 U [--]	7 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	6 U [--]	6 U [--]	7 U [--]
M+P-XYLENES	12 U [--]	12 U [--]	13 U [--]
METHYL TERT-BUTYL ETHER	6 U [--]	6 U [--]	7 U [--]
METHYLENE CHLORIDE	6 U [--]	8 J [--]	7 U [--]
NAPHTHALENE	6 U [--]	6 U [--]	7 U [--]
N-BUTYLBENZENE	6 U [--]	6 U [--]	7 U [--]
N-PROPYLBENZENE	6 U [--]	6 U [--]	7 U [--]
O-XYLENE	6 U [--]	6 U [--]	7 U [--]
SEC-BUTYLBENZENE	6 U [--]	6 U [--]	7 U [--]
STYRENE	6 U [--]	6 U [--]	7 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 SB-93-10 9/16/2004	SB-093 SB-93-15 9/16/2004	SB-093 SB-93-SS 9/16/2004
TERT-BUTYLBENZENE	6 U [--]	6 U [--]	7 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	6 U [--]	7 U [--]
TOLUENE	6 U [--]	6 U [--]	7 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	7 U [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	7 U [--]
TRICHLOROETHENE	6 U [--]	6 U [--]	7 U [--]
TRICHLOROFLUOROMETHANE	6 U [--]	6 U [--]	7 U [--]
VINYL ACETATE	6 U [--]	6 U [--]	7 U [--]
VINYL CHLORIDE	6 U [--]	6 U [--]	7 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	390 U [--]	400 U [--]	4500 U [--]
ACENAPHTHENE	390 U [--]	400 U [--]	4500 U [--]
ACENAPHTHYLENE	390 U [--]	400 U [--]	4500 U [--]
ANTHRACENE	390 U [--]	400 U [--]	4500 U [--]
BAP EQUIVALENT-HALFND	390 U [--]	400 U [--]	4189.3 [--]
BAP EQUIVALENT-POS	390 U [--]	400 U [--]	1939.3 [--]
BAP EQUIVALENT-UCL	518.856451 [--]	399.476695 [--]	1993.953365 [--]
BENZO(A)ANTHRACENE	390 U [--]	400 U [--]	1800 J [--]
BENZO(A)PYRENE	390 U [--]	400 U [--]	1500 J [--]
BENZO(B)FLUORANTHENE	390 U [--]	400 U [--]	1600 J [--]
BENZO(G,H,I)PERYLENE	390 U [--]	400 U [--]	1000 J [--]
BENZO(K)FLUORANTHENE	390 U [--]	400 U [--]	1500 J [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 SB-93-10 9/16/2004	SB-093 SB-93-15 9/16/2004	SB-093 SB-93-SS 9/16/2004
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	390 U [--]	400 U [--]	2300 J [--]
DIBENZO(A,H)ANTHRACENE	390 U [--]	400 U [--]	4500 U [--]
FLUORANTHENE	390 U [--]	400 U [--]	3400 J [--]
FLUORENE	390 U [--]	400 U [--]	4500 U [--]
INDENO(1,2,3-CD)PYRENE	390 U [--]	400 U [--]	820 J [--]
NAPHTHALENE	390 U [--]	400 U [--]	4500 U [--]
PHENANTHRENE	390 U [--]	400 U [--]	1600 J [--]
PYRENE	390 U [--]	400 U [--]	4000 J [--]
TOTAL PAHS	0 U [--]	0 U [--]	19520 [--]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	23 U [--]	23 U [--]	54 U [--]
4,4'-DDE	23 U [--]	23 U [--]	54 U [--]
4,4'-DDT	23 U [--]	23 U [--]	54 U [--]
ALDRIN	23 U [--]	23 U [--]	54 U [--]
ALPHA-BHC	23 U [--]	23 U [--]	54 U [--]
ALPHA-CHLORDANE	23 U [--]	23 U [--]	54 U [--]
AROCLOR-1016	290 U [--]	290 U [--]	330 U [--]
AROCLOR-1221	290 U [--]	290 U [--]	330 U [--]
AROCLOR-1232	290 U [--]	290 U [--]	330 U [--]
AROCLOR-1242	290 U [--]	290 U [--]	330 U [--]
AROCLOR-1248	290 U [--]	290 U [--]	330 U [--]
AROCLOR-1254	290 U [--]	290 U [--]	330 U [--]
AROCLOR-1260	290 U [--]	290 U [--]	800 [--]
BETA-BHC	23 U [--]	23 U [--]	54 U [--]
DELTA-BHC	23 U [--]	23 U [--]	54 U [--]
DIELDRIN	23 U [--]	23 U [--]	54 U [--]
ENDOSULFAN I	23 U [--]	23 U [--]	54 U [--]
ENDOSULFAN II	23 U [--]	23 U [--]	54 U [--]
ENDOSULFAN SULFATE	23 U [--]	23 U [--]	54 U [--]
ENDRIN	23 U [--]	23 U [--]	54 U [--]
ENDRIN ALDEHYDE	23 U [--]	23 U [--]	54 U [--]
ENDRIN KETONE	23 U [--]	23 U [--]	54 U [--]
GAMMA-BHC (LINDANE)	23 U [--]	23 U [--]	54 U [--]
GAMMA-CHLORDANE	23 U [--]	23 U [--]	54 U [--]
HEPTACHLOR	23 U [--]	23 U [--]	54 U [--]

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SOIL

LOCATION	SB-093	SB-093	SB-093
SAMPLE ID	SB-93-10	SB-93-15	SB-93-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
HEPTACHLOR EPOXIDE	23 U [--]	23 U [--]	54 U [--]
METHOXYCHLOR	23 U [--]	23 U [--]	54 U [--]
TOTAL AROCLOR	0 U [--]	0 U [--]	800 [--]
TOTAL DDT POS	0 U [--]	0 U [--]	0 U [--]
TOXAPHENE	580 U [--]	580 U [--]	1300 U [--]
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	12000 U [--]	12000 U [--]	150000 [--]
GASOLINE RANGE ORGANICS	120 U [--]	120 U [--]	130 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-1 9/21/2009	SB-093 F-SB-93RE-10 9/21/2009	SB-093 F-SB-93RE-11 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-1 9/21/2009	SB-093 F-SB-93RE-10 9/21/2009	SB-093 F-SB-93RE-11 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-1 9/21/2009	SB-093 F-SB-93RE-10 9/21/2009	SB-093 F-SB-93RE-11 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-1 9/21/2009	SB-093 F-SB-93RE-10 9/21/2009	SB-093 F-SB-93RE-11 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-1 9/21/2009	SB-093 F-SB-93RE-10 9/21/2009	SB-093 F-SB-93RE-11 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1189.76 [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1189.76 [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	890 [MDL=1.1]	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]
BENZO(A)PYRENE	810 [MDL=1.4]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1200 [MDL=1.3]	1.400000 U [MDL=1.4]	1.400000 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	390 [MDL=1.9]	2.000000 U [MDL=2]	2.000000 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-1 9/21/2009	SB-093 F-SB-93RE-10 9/21/2009	SB-093 F-SB-93RE-11 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	860 [MDL=1]	1.000000 U [MDL=1]	1.000000 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	120 [MDL=1.4]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	460 [MDL=1.7]	1.700000 U [MDL=1.7]	1.700000 U [MDL=1.7]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	4730 [MDL=1.4]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	23.000000 U [MDL=23]	24.000000 U [MDL=24]	24.000000 U [MDL=24]
AROCLOR-1221	18.000000 U [MDL=18]	19.000000 U [MDL=19]	19.000000 U [MDL=19]
AROCLOR-1232	16.000000 U [MDL=16]	16.000000 U [MDL=16]	16.000000 U [MDL=16]
AROCLOR-1242	14.000000 U [MDL=14]	15.000000 U [MDL=15]	15.000000 U [MDL=15]
AROCLOR-1248	19.000000 U [MDL=19]	20.000000 U [MDL=20]	20.000000 U [MDL=20]
AROCLOR-1254	19.000000 U [MDL=19]	20.000000 U [MDL=20]	20.000000 U [MDL=20]
AROCLOR-1260	120 [MDL=19]	20.000000 U [MDL=20]	20.000000 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-1 9/21/2009	SB-093 F-SB-93RE-10 9/21/2009	SB-093 F-SB-93RE-11 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	120 [MDL=23]	0 U [MDL=24]	0 U [MDL=24]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-12 9/21/2009	SB-093 F-SB-93RE-13 9/21/2009	SB-093 F-SB-93RE-14 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-12 9/21/2009	SB-093 F-SB-93RE-13 9/21/2009	SB-093 F-SB-93RE-14 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-12 9/21/2009	SB-093 F-SB-93RE-13 9/21/2009	SB-093 F-SB-93RE-14 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-12 9/21/2009	SB-093 F-SB-93RE-13 9/21/2009	SB-093 F-SB-93RE-14 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-12 9/21/2009	SB-093 F-SB-93RE-13 9/21/2009	SB-093 F-SB-93RE-14 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	23.6335 [MDL=1.8]	14.4225 [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	22.722 [MDL=1.8]	13.612 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.100000 U [MDL=1.1]	22 [MDL=1.3]	14 [MDL=1.2]
BENZO(A)PYRENE	1.500000 U [MDL=1.5]	16 [MDL=1.8]	9.3 [MDL=1.6]
BENZO(B)FLUORANTHENE	1.400000 U [MDL=1.4]	24 [MDL=1.7]	12 [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.000000 U [MDL=2]	2.300000 U [MDL=2.3]	2.100000 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-12 9/21/2009	SB-093 F-SB-93RE-13 9/21/2009	SB-093 F-SB-93RE-14 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.100000 U [MDL=1.1]	22 [MDL=1.2]	12 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.500000 U [MDL=1.5]	1.800000 U [MDL=1.8]	1.600000 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.800000 U [MDL=1.8]	21 [MDL=2.1]	17 [MDL=1.9]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	105 [MDL=1.8]	64.3 [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	25.000000 U [MDL=25]	29.000000 U [MDL=29]	26.000000 U [MDL=26]
AROCLOR-1221	19.000000 U [MDL=19]	22.000000 U [MDL=22]	20.000000 U [MDL=20]
AROCLOR-1232	17.000000 U [MDL=17]	19.000000 U [MDL=19]	18.000000 U [MDL=18]
AROCLOR-1242	15.000000 U [MDL=15]	18.000000 U [MDL=18]	16.000000 U [MDL=16]
AROCLOR-1248	20.000000 U [MDL=20]	23.000000 U [MDL=23]	21.000000 U [MDL=21]
AROCLOR-1254	20.000000 U [MDL=20]	23.000000 U [MDL=23]	21.000000 U [MDL=21]
AROCLOR-1260	20.000000 U [MDL=20]	23.000000 U [MDL=23]	21.000000 U [MDL=21]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-12 9/21/2009	SB-093 F-SB-93RE-13 9/21/2009	SB-093 F-SB-93RE-14 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	0 U [MDL=29]	0 U [MDL=26]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-2 9/21/2009	SB-093 F-SB-93RE-3 9/21/2009	SB-093 F-SB-93RE-4 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-2 9/21/2009	SB-093 F-SB-93RE-3 9/21/2009	SB-093 F-SB-93RE-4 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-2 9/21/2009	SB-093 F-SB-93RE-3 9/21/2009	SB-093 F-SB-93RE-4 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-2 9/21/2009	SB-093 F-SB-93RE-3 9/21/2009	SB-093 F-SB-93RE-4 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-2 9/21/2009	SB-093 F-SB-93RE-3 9/21/2009	SB-093 F-SB-93RE-4 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	150.16 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	150.16 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	100 [MDL=1.1]	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]
BENZO(A)PYRENE	89 [MDL=1.6]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
BENZO(B)FLUORANTHENE	140 [MDL=1.4]	1.300000 U [MDL=1.3]	1.400000 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	46 [MDL=2]	1.900000 U [MDL=1.9]	2.000000 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-2 9/21/2009	SB-093 F-SB-93RE-3 9/21/2009	SB-093 F-SB-93RE-4 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	100 [MDL=1.1]	1.000000 U [MDL=1]	1.100000 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	30 [MDL=1.6]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	66 [MDL=1.8]	1.700000 U [MDL=1.7]	1.800000 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	571 [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	25.000000 U [MDL=25]	24.000000 U [MDL=24]	25.000000 U [MDL=25]
AROCLOR-1221	19.000000 U [MDL=19]	18.000000 U [MDL=18]	19.000000 U [MDL=19]
AROCLOR-1232	17.000000 U [MDL=17]	16.000000 U [MDL=16]	16.000000 U [MDL=16]
AROCLOR-1242	16.000000 U [MDL=16]	15.000000 U [MDL=15]	15.000000 U [MDL=15]
AROCLOR-1248	20.000000 U [MDL=20]	19.000000 U [MDL=19]	20.000000 U [MDL=20]
AROCLOR-1254	20.000000 U [MDL=20]	19.000000 U [MDL=19]	20.000000 U [MDL=20]
AROCLOR-1260	20.000000 U [MDL=20]	19.000000 U [MDL=19]	20.000000 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL			
LOCATION	SB-093	SB-093	SB-093
SAMPLE ID	F-SB-93RE-2	F-SB-93RE-3	F-SB-93RE-4
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	0 U [MDL=24]	0 U [MDL=25]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

- = The chemical was not analyzed or no value was available.
- [MDL=1.4] = Laboratory method detection limit
- [-] = Laboratory method detection limit reported as zero or not available

- Data Qualifiers:
- Blank (i.e., no qualifier) = the chemical was detected.
 - J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
 - U = The chemical was not detected.
 - L = The chemical result was positively detected and biased low.
 - UR = The chemical was nondetected and rejected.
 - UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
 - K = The chemical result was positively detected and biased high.
 - UL = The chemical was nondetected and the concentration reported is an biased low.
 - B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-5 9/21/2009	SB-093 F-SB-93RE-6 9/21/2009	SB-093 F-SB-93RE-7 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-5 9/21/2009	SB-093 F-SB-93RE-6 9/21/2009	SB-093 F-SB-93RE-7 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-5 9/21/2009	SB-093 F-SB-93RE-6 9/21/2009	SB-093 F-SB-93RE-7 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-5 9/21/2009	SB-093 F-SB-93RE-6 9/21/2009	SB-093 F-SB-93RE-7 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-5 9/21/2009	SB-093 F-SB-93RE-6 9/21/2009	SB-093 F-SB-93RE-7 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	36.009 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	35.259 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	28 [MDL=1.1]	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]
BENZO(A)PYRENE	26 [MDL=1.5]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
BENZO(B)FLUORANTHENE	40 [MDL=1.4]	1.400000 U [MDL=1.4]	1.400000 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	13 [MDL=1.9]	2.000000 U [MDL=2]	2.000000 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-5 9/21/2009	SB-093 F-SB-93RE-6 9/21/2009	SB-093 F-SB-93RE-7 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	29 [MDL=1]	1.000000 U [MDL=1]	1.100000 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	23 [MDL=1.7]	1.700000 U [MDL=1.7]	1.800000 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	159 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	24.000000 U [MDL=24]	24.000000 U [MDL=24]	25.000000 U [MDL=25]
AROCLOR-1221	18.000000 U [MDL=18]	19.000000 U [MDL=19]	19.000000 U [MDL=19]
AROCLOR-1232	16.000000 U [MDL=16]	16.000000 U [MDL=16]	16.000000 U [MDL=16]
AROCLOR-1242	15.000000 U [MDL=15]	15.000000 U [MDL=15]	15.000000 U [MDL=15]
AROCLOR-1248	19.000000 U [MDL=19]	20.000000 U [MDL=20]	20.000000 U [MDL=20]
AROCLOR-1254	19.000000 U [MDL=19]	20.000000 U [MDL=20]	20.000000 U [MDL=20]
AROCLOR-1260	19.000000 U [MDL=19]	20.000000 U [MDL=20]	20.000000 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-093	SB-093	SB-093
SAMPLE ID	F-SB-93RE-5	F-SB-93RE-6	F-SB-93RE-7
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=24]	0 U [MDL=24]	0 U [MDL=25]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-8 9/21/2009	SB-093 F-SB-93RE-9 9/21/2009	SB-094 SB-94-05 9/16/2004
METALS (MG/KG)			
ANTIMONY	--	--	2.9 UR [--]
ARSENIC	--	--	0.58 UL [--]
BARIUM	--	--	--
BERYLLIUM	--	--	3.2 L [--]
CADMIUM	--	--	2.9 UL [--]
CHROMIUM	--	--	14 [--]
COBALT	--	--	--
COPPER	--	--	21 L [--]
LEAD	--	--	6.7 L [--]
MERCURY	--	--	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	--	--	12 [--]
SELENIUM	--	--	4.2 L [--]
SILVER	--	--	2.9 UR [--]
THALLIUM	--	--	2.3 UL [--]
VANADIUM	--	--	--
ZINC	--	--	29 U [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	400 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	400 U [--]
2,4,5-TRICHLOROPHENOL	--	--	1000 U [--]
2,4,6-TRICHLOROPHENOL	--	--	400 U [--]
2,4-DICHLOROPHENOL	--	--	400 U [--]
2,4-DIMETHYLPHENOL	--	--	400 U [--]
2,4-DINITROPHENOL	--	--	1000 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-8 9/21/2009	SB-093 F-SB-93RE-9 9/21/2009	SB-094 SB-94-05 9/16/2004
2,4-DINITROTOLUENE	--	--	400 U [--]
2,6-DINITROTOLUENE	--	--	400 U [--]
2-CHLORONAPHTHALENE	--	--	400 U [--]
2-CHLOROPHENOL	--	--	400 U [--]
2-METHYLPHENOL	--	--	400 U [--]
2-NITROANILINE	--	--	1000 U [--]
2-NITROPHENOL	--	--	400 U [--]
3&4-METHYLPHENOL	--	--	400 U [--]
3,3'-DICHLOROBENZIDINE	--	--	400 U [--]
3-NITROANILINE	--	--	1000 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	--	920 U [--]
4-BROMOPHENYL PHENYL ETHER	--	--	400 U [--]
4-CHLORO-3-METHYLPHENOL	--	--	400 U [--]
4-CHLOROANILINE	--	--	400 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	--	400 U [--]
4-NITROANILINE	--	--	1000 U [--]
4-NITROPHENOL	--	--	1000 U [--]
ACETOPHENONE	--	--	400 U [--]
ANILINE	--	--	--
ATRAZINE	--	--	400 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	400 U [--]
BIS(2-CHLOROETHYL)ETHER	--	--	400 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	400 U [--]
BUTYL BENZYL PHTHALATE	--	--	400 U [--]
CAPROLACTAM	--	--	400 U [--]
CARBAZOLE	--	--	200 J [--]
DIBENZOFURAN	--	--	73 J [--]
DIETHYL PHTHALATE	--	--	400 U [--]
DIMETHYL PHTHALATE	--	--	400 U [--]
DI-N-BUTYL PHTHALATE	--	--	400 U [--]
DI-N-OCTYL PHTHALATE	--	--	400 U [--]
HEXACHLOROBENZENE	--	--	400 U [--]
HEXACHLOROBUTADIENE	--	--	400 U [--]
HEXACHLOROCYCLOPENTADIENE	--	--	400 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-093	SB-093	SB-094
SAMPLE ID	F-SB-93RE-8	F-SB-93RE-9	SB-94-05
SAMPLE DATE	9/21/2009	9/21/2009	9/16/2004
HEXACHLOROETHANE	--	--	400 U [--]
ISOPHORONE	--	--	400 U [--]
NITROBENZENE	--	--	400 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	400 U [--]
N-NITROSODIPHENYLAMINE	--	--	400 U [--]
PENTACHLOROPHENOL	--	--	1000 U [--]
PHENOL	--	--	400 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	6 U [--]
1,1,1-TRICHLOROETHANE	--	--	6 U [--]
1,1,2,2-TETRACHLOROETHANE	--	--	6 U [--]
1,1,2-TRICHLOROETHANE	--	--	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	6 U [--]
1,1-DICHLOROETHANE	--	--	6 U [--]
1,1-DICHLOROETHENE	--	--	6 U [--]
1,1-DICHLOROPROPENE	--	--	6 U [--]
1,2,3-TRICHLOROBENZENE	--	--	6 U [--]
1,2,3-TRICHLOROPROPANE	--	--	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	6 U [--]
1,2,4-TRIMETHYLBENZENE	--	--	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	--	--	6 U [--]
1,2-DIBROMOETHANE	--	--	6 U [--]
1,2-DICHLOROBENZENE	--	--	6 U [--]
1,2-DICHLOROETHANE	--	--	6 U [--]
1,2-DICHLOROPROPANE	--	--	6 U [--]
1,3,5-TRIMETHYLBENZENE	--	--	6 U [--]
1,3-DICHLOROBENZENE	--	--	6 U [--]
1,3-DICHLOROPROPANE	--	--	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	6 U [--]
2-BUTANONE	--	--	59 U [--]
2-CHLOROETHYL VINYL ETHER	--	--	6 U [--]
2-CHLOROTOLUENE	--	--	6 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-8 9/21/2009	SB-093 F-SB-93RE-9 9/21/2009	SB-094 SB-94-05 9/16/2004
2-HEXANONE	--	--	59 U [--]
4-CHLOROTOLUENE	--	--	6 U [--]
4-ISOPROPYLTOLUENE	--	--	6 U [--]
4-METHYL-2-PENTANONE	--	--	59 U [--]
ACETONE	--	--	59 U [--]
BENZENE	--	--	6 U [--]
BROMOBENZENE	--	--	6 U [--]
BROMOCHLOROMETHANE	--	--	6 U [--]
BROMODICHLOROMETHANE	--	--	6 U [--]
BROMOFORM	--	--	6 U [--]
BROMOMETHANE	--	--	6 U [--]
CARBON DISULFIDE	--	--	6 U [--]
CARBON TETRACHLORIDE	--	--	6 U [--]
CHLOROBENZENE	--	--	6 U [--]
CHLORODIBROMOMETHANE	--	--	6 U [--]
CHLOROETHANE	--	--	6 U [--]
CHLOROFORM	--	--	6 U [--]
CHLOROMETHANE	--	--	6 U [--]
CIS-1,2-DICHLOROETHENE	--	--	6 U [--]
CIS-1,3-DICHLOROPROPENE	--	--	6 U [--]
DIBROMOMETHANE	--	--	6 U [--]
DICHLORODIFLUOROMETHANE	--	--	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	6 U [--]
M+P-XYLENES	--	--	12 U [--]
METHYL TERT-BUTYL ETHER	--	--	6 U [--]
METHYLENE CHLORIDE	--	--	6 U [--]
NAPHTHALENE	--	--	6 U [--]
N-BUTYLBENZENE	--	--	6 U [--]
N-PROPYLBENZENE	--	--	6 U [--]
O-XYLENE	--	--	6 U [--]
SEC-BUTYLBENZENE	--	--	6 U [--]
STYRENE	--	--	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-8 9/21/2009	SB-093 F-SB-93RE-9 9/21/2009	SB-094 SB-94-05 9/16/2004
TERT-BUTYLBENZENE	--	--	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	6 U [--]
TOLUENE	--	--	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	6 U [--]
TRANS-1,3-DICHLOROPROPENE	--	--	6 U [--]
TRICHLOROETHENE	--	--	6 U [--]
TRICHLOROFLUOROMETHANE	--	--	6 U [--]
VINYL ACETATE	--	--	6 U [--]
VINYL CHLORIDE	--	--	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	400 U [--]
ACENAPHTHENE	--	--	110 J [--]
ACENAPHTHYLENE	--	--	400 U [--]
ANTHRACENE	--	--	270 J [--]
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	847.16 [--]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	647.16 [--]
BAP EQUIVALENT-UCL	--	--	868.335836 [--]
BENZO(A)ANTHRACENE	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]	620 [--]
BENZO(A)PYRENE	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]	490 [--]
BENZO(B)FLUORANTHENE	1.400000 U [MDL=1.4]	1.400000 U [MDL=1.4]	630 [--]
BENZO(G,H,I)PERYLENE	--	--	280 J [--]
BENZO(K)FLUORANTHENE	2.000000 U [MDL=2]	2.000000 U [MDL=2]	450 [--]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-093 F-SB-93RE-8 9/21/2009	SB-093 F-SB-93RE-9 9/21/2009	SB-094 SB-94-05 9/16/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.000000 U [MDL=1]	1.100000 U [MDL=1.1]	660 [--]
DIBENZO(A,H)ANTHRACENE	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]	400 U [--]
FLUORANTHENE	--	--	1500 [--]
FLUORENE	--	--	110 J [--]
INDENO(1,2,3-CD)PYRENE	1.700000 U [MDL=1.7]	1.800000 U [MDL=1.8]	270 J [--]
NAPHTHALENE	--	--	400 U [--]
PHENANTHRENE	--	--	1200 [--]
PYRENE	--	--	1100 [--]
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	7690 [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	23 U [--]
4,4'-DDE	--	--	23 U [--]
4,4'-DDT	--	--	23 U [--]
ALDRIN	--	--	23 U [--]
ALPHA-BHC	--	--	23 U [--]
ALPHA-CHLORDANE	--	--	23 U [--]
AROCLOR-1016	24.000000 U [MDL=24]	25.000000 U [MDL=25]	290 U [--]
AROCLOR-1221	18.000000 U [MDL=18]	19.000000 U [MDL=19]	290 U [--]
AROCLOR-1232	16.000000 U [MDL=16]	16.000000 U [MDL=16]	290 U [--]
AROCLOR-1242	15.000000 U [MDL=15]	15.000000 U [MDL=15]	290 U [--]
AROCLOR-1248	20.000000 U [MDL=20]	20.000000 U [MDL=20]	290 U [--]
AROCLOR-1254	20.000000 U [MDL=20]	20.000000 U [MDL=20]	290 U [--]
AROCLOR-1260	20.000000 U [MDL=20]	20.000000 U [MDL=20]	290 U [--]
BETA-BHC	--	--	23 U [--]
DELTA-BHC	--	--	23 U [--]
DIELDRIN	--	--	23 U [--]
ENDOSULFAN I	--	--	23 U [--]
ENDOSULFAN II	--	--	23 U [--]
ENDOSULFAN SULFATE	--	--	23 U [--]
ENDRIN	--	--	23 U [--]
ENDRIN ALDEHYDE	--	--	23 U [--]
ENDRIN KETONE	--	--	23 U [--]
GAMMA-BHC (LINDANE)	--	--	23 U [--]
GAMMA-CHLORDANE	--	--	23 U [--]
HEPTACHLOR	--	--	23 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL			
LOCATION	SB-093	SB-093	SB-094
SAMPLE ID	F-SB-93RE-8	F-SB-93RE-9	SB-94-05
SAMPLE DATE	9/21/2009	9/21/2009	9/16/2004
HEPTACHLOR EPOXIDE	--	--	23 U [--]
METHOXYCHLOR	--	--	23 U [--]
TOTAL AROCLOR	0 U [MDL=24]	0 U [MDL=25]	0 U [--]
TOTAL DDT POS	--	--	0 U [--]
TOXAPHENE	--	--	590 U [--]
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	17000 [--]
GASOLINE RANGE ORGANICS	--	--	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

- = The chemical was not analyzed or no value was available.
- [MDL=1.4] = Laboratory method detection limit
- [-] = Laboratory method detection limit reported as zero or not available

- Data Qualifiers:
- Blank (i.e., no qualifier) = the chemical was detected.
 - J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
 - U = The chemical was not detected.
 - L = The chemical result was positively detected and biased low.
 - UR = The chemical was nondetected and rejected.
 - UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
 - K = The chemical result was positively detected and biased high.
 - UL = The chemical was nondetected and the concentration reported is an biased low.
 - B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	SB-94-10	SB-94-15	SB-94-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
METALS (MG/KG)			
ANTIMONY	2.8 UR [--]	3 UR [--]	2.6 UR [--]
ARSENIC	0.55 UL [--]	0.59 UL [--]	2.1 L [--]
BARIUM	--	--	--
BERYLLIUM	2.8 UL [--]	3 UL [--]	2.6 UL [--]
CADMIUM	2.8 UL [--]	3 UL [--]	4.5 L [--]
CHROMIUM	20 [--]	27 [--]	25 [--]
COBALT	--	--	--
COPPER	11 L [--]	7.4 L [--]	21 L [--]
LEAD	17 L [--]	3.3 L [--]	65 L [--]
MERCURY	0.11 U [--]	0.12 U [--]	0.97 [--]
MOLYBDENUM	--	--	--
NICKEL	21 [--]	20 [--]	11 [--]
SELENIUM	2.8 UL [--]	3 UL [--]	2.6 UL [--]
SILVER	2.8 UR [--]	3 UR [--]	2.6 UR [--]
THALLIUM	2.2 UL [--]	2.4 UL [--]	2 UL [--]
VANADIUM	--	--	--
ZINC	33 K [--]	30 U [--]	92 K [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	390 U [--]	400 U [--]	3600 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U [--]	400 U [--]	3600 U [--]
2,4,5-TRICHLOROPHENOL	970 U [--]	1000 U [--]	9000 U [--]
2,4,6-TRICHLOROPHENOL	390 U [--]	400 U [--]	3600 U [--]
2,4-DICHLOROPHENOL	390 U [--]	400 U [--]	3600 U [--]
2,4-DIMETHYLPHENOL	390 U [--]	400 U [--]	3600 U [--]
2,4-DINITROPHENOL	970 U [--]	1000 U [--]	9000 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 SB-94-10 9/16/2004	SB-094 SB-94-15 9/16/2004	SB-094 SB-94-SS 9/16/2004
2,4-DINITROTOLUENE	390 U [--]	400 U [--]	3600 U [--]
2,6-DINITROTOLUENE	390 U [--]	400 U [--]	3600 U [--]
2-CHLORONAPHTHALENE	390 U [--]	400 U [--]	3600 U [--]
2-CHLOROPHENOL	390 U [--]	400 U [--]	3600 U [--]
2-METHYLPHENOL	390 U [--]	400 U [--]	3600 U [--]
2-NITROANILINE	970 U [--]	1000 U [--]	9000 U [--]
2-NITROPHENOL	390 U [--]	400 U [--]	3600 U [--]
3&4-METHYLPHENOL	390 U [--]	400 U [--]	3600 U [--]
3,3'-DICHLOROBENZIDINE	390 U [--]	400 U [--]	3600 U [--]
3-NITROANILINE	970 U [--]	1000 U [--]	9000 U [--]
4,6-DINITRO-2-METHYLPHENOL	890 U [--]	920 U [--]	8200 U [--]
4-BROMOPHENYL PHENYL ETHER	390 U [--]	400 U [--]	3600 U [--]
4-CHLORO-3-METHYLPHENOL	390 U [--]	400 U [--]	3600 U [--]
4-CHLOROANILINE	390 U [--]	400 U [--]	3600 U [--]
4-CHLOROPHENYL PHENYL ETHER	390 U [--]	400 U [--]	3600 U [--]
4-NITROANILINE	970 U [--]	1000 U [--]	9000 U [--]
4-NITROPHENOL	970 U [--]	1000 U [--]	9000 U [--]
ACETOPHENONE	390 U [--]	400 U [--]	3600 U [--]
ANILINE	--	--	--
ATRAZINE	390 U [--]	400 U [--]	3600 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	390 U [--]	400 U [--]	3600 U [--]
BIS(2-CHLOROETHYL)ETHER	390 U [--]	400 U [--]	3600 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	390 U [--]	400 U [--]	3600 U [--]
BUTYL BENZYL PHTHALATE	390 U [--]	400 U [--]	3600 U [--]
CAPROLACTAM	390 U [--]	400 U [--]	3600 U [--]
CARBAZOLE	380 J [--]	400 U [--]	3600 U [--]
DIBENZOFURAN	130 J [--]	400 U [--]	3600 U [--]
DIETHYL PHTHALATE	390 U [--]	400 U [--]	3600 U [--]
DIMETHYL PHTHALATE	390 U [--]	400 U [--]	3600 U [--]
DI-N-BUTYL PHTHALATE	390 U [--]	400 U [--]	3600 U [--]
DI-N-OCTYL PHTHALATE	390 U [--]	400 U [--]	3600 U [--]
HEXACHLOROBENZENE	390 U [--]	400 U [--]	3600 U [--]
HEXACHLOROBUTADIENE	390 U [--]	400 U [--]	3600 U [--]
HEXACHLOROCYCLOPENTADIENE	390 U [--]	400 U [--]	3600 U [--]

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SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	SB-94-10	SB-94-15	SB-94-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
HEXACHLOROETHANE	390 U [--]	400 U [--]	3600 U [--]
ISOPHORONE	390 U [--]	400 U [--]	3600 U [--]
NITROBENZENE	390 U [--]	400 U [--]	3600 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	390 U [--]	400 U [--]	3600 U [--]
N-NITROSODIPHENYLAMINE	390 U [--]	400 U [--]	3600 U [--]
PENTACHLOROPHENOL	970 U [--]	1000 U [--]	9000 U [--]
PHENOL	390 U [--]	400 U [--]	3600 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	5 U [--]
1,1,1-TRICHLOROETHANE	6 U [--]	6 U [--]	5 U [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	5 U [--]
1,1,2-TRICHLOROETHANE	6 U [--]	6 U [--]	5 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [--]	6 U [--]	5 U [--]
1,1-DICHLOROETHANE	6 U [--]	6 U [--]	5 U [--]
1,1-DICHLOROETHENE	6 U [--]	6 U [--]	5 U [--]
1,1-DICHLOROPROPENE	6 U [--]	6 U [--]	5 U [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	6 U [--]	5 U [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	6 U [--]	5 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	6 U [--]	5 U [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	6 U [--]	5 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	6 U [--]	5 U [--]
1,2-DIBROMOETHANE	6 U [--]	6 U [--]	5 U [--]
1,2-DICHLOROBENZENE	6 U [--]	6 U [--]	5 U [--]
1,2-DICHLOROETHANE	6 U [--]	6 U [--]	5 U [--]
1,2-DICHLOROPROPANE	6 U [--]	6 U [--]	5 U [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	6 U [--]	5 U [--]
1,3-DICHLOROBENZENE	6 U [--]	6 U [--]	5 U [--]
1,3-DICHLOROPROPANE	6 U [--]	6 U [--]	5 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	6 U [--]	5 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	6 U [--]	5 U [--]
2-BUTANONE	57 U [--]	59 U [--]	54 U [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	6 U [--]	5 U [--]
2-CHLOROTOLUENE	6 U [--]	6 U [--]	5 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	SB-94-10	SB-94-15	SB-94-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
2-HEXANONE	57 U [--]	59 U [--]	54 U [--]
4-CHLOROTOLUENE	6 U [--]	6 U [--]	5 U [--]
4-ISOPROPYLTOLUENE	6 U [--]	6 U [--]	5 U [--]
4-METHYL-2-PENTANONE	57 U [--]	59 U [--]	54 U [--]
ACETONE	57 U [--]	59 U [--]	54 U [--]
BENZENE	6 U [--]	6 U [--]	5 U [--]
BROMOBENZENE	6 U [--]	6 U [--]	5 U [--]
BROMOCHLOROMETHANE	6 U [--]	6 U [--]	5 U [--]
BROMODICHLOROMETHANE	6 U [--]	6 U [--]	5 U [--]
BROMOFORM	6 U [--]	6 U [--]	5 U [--]
BROMOMETHANE	6 U [--]	6 U [--]	5 U [--]
CARBON DISULFIDE	6 U [--]	6 U [--]	5 U [--]
CARBON TETRACHLORIDE	6 U [--]	6 U [--]	5 U [--]
CHLOROBENZENE	6 U [--]	6 U [--]	5 U [--]
CHLORODIBROMOMETHANE	6 U [--]	6 U [--]	5 U [--]
CHLOROETHANE	6 U [--]	6 U [--]	5 U [--]
CHLOROFORM	6 U [--]	6 U [--]	5 U [--]
CHLOROMETHANE	6 U [--]	6 U [--]	5 U [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	5 U [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	5 U [--]
DIBROMOMETHANE	6 U [--]	6 U [--]	5 U [--]
DICHLORODIFLUOROMETHANE	6 U [--]	6 U [--]	5 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	6 U [--]	5 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	6 U [--]	6 U [--]	5 U [--]
M+P-XYLENES	11 U [--]	12 U [--]	11 U [--]
METHYL TERT-BUTYL ETHER	6 U [--]	6 U [--]	5 U [--]
METHYLENE CHLORIDE	6 U [--]	6 U [--]	5 U [--]
NAPHTHALENE	6 U [--]	6 U [--]	5 U [--]
N-BUTYLBENZENE	6 U [--]	6 U [--]	5 U [--]
N-PROPYLBENZENE	6 U [--]	6 U [--]	5 U [--]
O-XYLENE	6 U [--]	6 U [--]	5 U [--]
SEC-BUTYLBENZENE	6 U [--]	6 U [--]	5 U [--]
STYRENE	6 U [--]	6 U [--]	5 U [--]
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 SB-94-10 9/16/2004	SB-094 SB-94-15 9/16/2004	SB-094 SB-94-SS 9/16/2004
TERT-BUTYLBENZENE	6 U [--]	6 U [--]	5 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	6 U [--]	5 U [--]
TOLUENE	6 U [--]	6 U [--]	5 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	5 U [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	5 U [--]
TRICHLOROETHENE	6 U [--]	6 U [--]	5 U [--]
TRICHLOROFLUOROMETHANE	6 U [--]	6 U [--]	5 U [--]
VINYL ACETATE	6 U [--]	6 U [--]	5 U [--]
VINYL CHLORIDE	6 U [--]	6 U [--]	5 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	390 U [--]	400 U [--]	3600 U [--]
ACENAPHTHENE	190 J [--]	400 U [--]	3600 U [--]
ACENAPHTHYLENE	390 U [--]	400 U [--]	3600 U [--]
ANTHRACENE	430 [--]	400 U [--]	3600 U [--]
BAP EQUIVALENT-HALFND	1434.6 [--]	400 U [--]	2874.1 [--]
BAP EQUIVALENT-POS	1239.6 [--]	400 U [--]	1074.1 [--]
BAP EQUIVALENT-UCL	1510.189704 [--]	507.088948 [--]	1242.426938 [--]
BENZO(A)ANTHRACENE	1200 [--]	400 U [--]	880 J [--]
BENZO(A)PYRENE	950 [--]	400 U [--]	850 J [--]
BENZO(B)FLUORANTHENE	1000 [--]	400 U [--]	890 J [--]
BENZO(G,H,I)PERYLENE	600 J [--]	400 U [--]	3600 U [--]
BENZO(K)FLUORANTHENE	940 [--]	400 U [--]	1000 J [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 SB-94-10 9/16/2004	SB-094 SB-94-15 9/16/2004	SB-094 SB-94-SS 9/16/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1200 [--]	400 U [--]	1100 J [--]
DIBENZO(A,H)ANTHRACENE	390 U [--]	400 U [--]	3600 U [--]
FLUORANTHENE	2700 [--]	400 U [--]	2000 J [--]
FLUORENE	200 J [--]	400 U [--]	3600 U [--]
INDENO(1,2,3-CD)PYRENE	590 [--]	400 U [--]	360 J [--]
NAPHTHALENE	58 J [--]	400 U [--]	3600 U [--]
PHENANTHRENE	2200 [--]	400 U [--]	1100 J [--]
PYRENE	1900 [--]	400 U [--]	1400 J [--]
TOTAL PAHS	14158 [--]	0 U [--]	9580 [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	46 U [--]	24 U [--]	42 U [--]
4,4'-DDE	46 U [--]	24 U [--]	42 U [--]
4,4'-DDT	46 U [--]	24 U [--]	42 U [--]
ALDRIN	46 U [--]	24 U [--]	42 U [--]
ALPHA-BHC	46 U [--]	24 U [--]	42 U [--]
ALPHA-CHLORDANE	46 U [--]	24 U [--]	42 U [--]
AROCLOR-1016	290 U [--]	300 U [--]	1300 U [--]
AROCLOR-1221	290 U [--]	300 U [--]	1300 U [--]
AROCLOR-1232	290 U [--]	300 U [--]	1300 U [--]
AROCLOR-1242	290 U [--]	300 U [--]	1300 U [--]
AROCLOR-1248	290 U [--]	300 U [--]	1300 U [--]
AROCLOR-1254	290 U [--]	300 U [--]	1300 U [--]
AROCLOR-1260	290 U [--]	300 U [--]	1400 [--]
BETA-BHC	46 U [--]	24 U [--]	42 U [--]
DELTA-BHC	46 U [--]	24 U [--]	42 U [--]
DIELDRIN	46 U [--]	24 U [--]	42 U [--]
ENDOSULFAN I	46 U [--]	24 U [--]	42 U [--]
ENDOSULFAN II	46 U [--]	24 U [--]	42 U [--]
ENDOSULFAN SULFATE	46 U [--]	24 U [--]	42 U [--]
ENDRIN	46 U [--]	24 U [--]	42 U [--]
ENDRIN ALDEHYDE	46 U [--]	24 U [--]	42 U [--]
ENDRIN KETONE	46 U [--]	24 U [--]	42 U [--]
GAMMA-BHC (LINDANE)	46 U [--]	24 U [--]	42 U [--]
GAMMA-CHLORDANE	46 U [--]	24 U [--]	42 U [--]
HEPTACHLOR	46 U [--]	24 U [--]	42 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL			
LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	SB-94-10	SB-94-15	SB-94-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
HEPTACHLOR EPOXIDE	46 U [--]	24 U [--]	42 U [--]
METHOXYCHLOR	46 U [--]	24 U [--]	42 U [--]
TOTAL AROCLOR	0 U [--]	0 U [--]	1400 [--]
TOTAL DDT POS	0 U [--]	0 U [--]	0 U [--]
TOXAPHENE	1100 U [--]	590 U [--]	1100 U [--]
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	12000 U [--]	12000 U [--]	67000 [--]
GASOLINE RANGE ORGANICS	120 U [--]	120 U [--]	110 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-1	F-SB-94RE-10	F-SB-94RE-11
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-1 9/21/2009	SB-094 F-SB-94RE-10 9/21/2009	SB-094 F-SB-94RE-11 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-1 9/21/2009	SB-094 F-SB-94RE-10 9/21/2009	SB-094 F-SB-94RE-11 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-1 9/21/2009	SB-094 F-SB-94RE-10 9/21/2009	SB-094 F-SB-94RE-11 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-1 9/21/2009	SB-094 F-SB-94RE-10 9/21/2009	SB-094 F-SB-94RE-11 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	184.16 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	184.16 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	110 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	130 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	150 [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	91 [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-1 9/21/2009	SB-094 F-SB-94RE-10 9/21/2009	SB-094 F-SB-94RE-11 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	150 [MDL=1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	19 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	81 [MDL=1.7]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	731 [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	24.0 U [MDL=24]	25.0 U [MDL=25]	25.0 U [MDL=25]
AROCLOR-1221	18.0 U [MDL=18]	19.0 U [MDL=19]	19.0 U [MDL=19]
AROCLOR-1232	16.0 U [MDL=16]	17.0 U [MDL=17]	17.0 U [MDL=17]
AROCLOR-1242	15.0 U [MDL=15]	16.0 U [MDL=16]	16.0 U [MDL=16]
AROCLOR-1248	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
AROCLOR-1254	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
AROCLOR-1260	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-1 9/21/2009	SB-094 F-SB-94RE-10 9/21/2009	SB-094 F-SB-94RE-11 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=24]	0 U [MDL=25]	0 U [MDL=25]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

- = The chemical was not analyzed or no value was available.
- [MDL=1.4] = Laboratory method detection limit
- [-] = Laboratory method detection limit reported as zero or not available

- Data Qualifiers:
- Blank (i.e., no qualifier) = the chemical was detected.
 - J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
 - U = The chemical was not detected.
 - L = The chemical result was positively detected and biased low.
 - UR = The chemical was nondetected and rejected.
 - UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
 - K = The chemical result was positively detected and biased high.
 - UL = The chemical was nondetected and the concentration reported is an biased low.
 - B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-12 9/21/2009	SB-094 F-SB-94RE-12-D 9/21/2009	SB-094 F-SB-94RE-13 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-12 9/21/2009	SB-094 F-SB-94RE-12-D 9/21/2009	SB-094 F-SB-94RE-13 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-12 9/21/2009	SB-094 F-SB-94RE-12-D 9/21/2009	SB-094 F-SB-94RE-13 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-12 9/21/2009	SB-094 F-SB-94RE-12-D 9/21/2009	SB-094 F-SB-94RE-13 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-12 9/21/2009	SB-094 F-SB-94RE-12-D 9/21/2009	SB-094 F-SB-94RE-13 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	1.9 U [MDL=1.9]	1.9 U [MDL=1.9]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-12 9/21/2009	SB-094 F-SB-94RE-12-D 9/21/2009	SB-094 F-SB-94RE-13 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.0 U [MDL=1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.9 U [MDL=1.9]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	24.0 U [MDL=24]	24.0 U [MDL=24]	26. U [MDL=26]
AROCLOR-1221	18.0 U [MDL=18]	18.0 U [MDL=18]	20.0 U [MDL=20]
AROCLOR-1232	16.0 U [MDL=16]	16.0 U [MDL=16]	17.0 U [MDL=17]
AROCLOR-1242	15.0 U [MDL=15]	15.0 U [MDL=15]	16.0 U [MDL=16]
AROCLOR-1248	19.0 U [MDL=19]	19.0 U [MDL=19]	21.0 U [MDL=21]
AROCLOR-1254	19.0 U [MDL=19]	19.0 U [MDL=19]	21.0 U [MDL=21]
AROCLOR-1260	19.0 U [MDL=19]	19.0 U [MDL=19]	21.0 U [MDL=21]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-12 9/21/2009	SB-094 F-SB-94RE-12-D 9/21/2009	SB-094 F-SB-94RE-13 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=24]	0 U [MDL=24]	0 U [MDL=26]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-14	F-SB-94RE-15	F-SB-94RE-2
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-14 9/21/2009	SB-094 F-SB-94RE-15 9/21/2009	SB-094 F-SB-94RE-2 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-14	F-SB-94RE-15	F-SB-94RE-2
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)			
1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-14 9/21/2009	SB-094 F-SB-94RE-15 9/21/2009	SB-094 F-SB-94RE-2 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-14 9/21/2009	SB-094 F-SB-94RE-15 9/21/2009	SB-094 F-SB-94RE-2 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	95.413 [MDL=1.6]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	95.413 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	57 [MDL=1.2]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	55 [MDL=1.6]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	58 [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	24 [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-14 9/21/2009	SB-094 F-SB-94RE-15 9/21/2009	SB-094 F-SB-94RE-2 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	73 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	25 [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.9 U [MDL=1.9]	1.9 U [MDL=1.9]	36 [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.6]	328 [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	26.0 U [MDL=26]	26.0 U [MDL=26]	26.0 U [MDL=26]
AROCLOR-1221	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
AROCLOR-1232	17.0 U [MDL=17]	18.0 U [MDL=18]	17.0 U [MDL=17]
AROCLOR-1242	16.0 U [MDL=16]	16.0 U [MDL=16]	16.0 U [MDL=16]
AROCLOR-1248	21.0 U [MDL=21]	21.0 U [MDL=21]	21.0 U [MDL=21]
AROCLOR-1254	21.0 U [MDL=21]	21.0 U [MDL=21]	21.0 U [MDL=21]
AROCLOR-1260	21.0 U [MDL=21]	21.0 U [MDL=21]	21.0 U [MDL=21]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-14	F-SB-94RE-15	F-SB-94RE-2
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=26]	0 U [MDL=26]	0 U [MDL=26]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-3	F-SB-94RE-4	F-SB-94RE-5
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-3 9/21/2009	SB-094 F-SB-94RE-4 9/21/2009	SB-094 F-SB-94RE-5 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-3 9/21/2009	SB-094 F-SB-94RE-4 9/21/2009	SB-094 F-SB-94RE-5 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-3 9/21/2009	SB-094 F-SB-94RE-4 9/21/2009	SB-094 F-SB-94RE-5 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-3 9/21/2009	SB-094 F-SB-94RE-4 9/21/2009	SB-094 F-SB-94RE-5 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-3 9/21/2009	SB-094 F-SB-94RE-4 9/21/2009	SB-094 F-SB-94RE-5 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	25.0 U [MDL=25]	25.0 U [MDL=25]	24.0 U [MDL=24]
AROCLOR-1221	19.0 U [MDL=19]	19.0 U [MDL=19]	19.0 U [MDL=19]
AROCLOR-1232	17.0 U [MDL=17]	16.0 U [MDL=16]	16.0 U [MDL=16]
AROCLOR-1242	16.0 U [MDL=16]	15.0 U [MDL=15]	15.0 U [MDL=15]
AROCLOR-1248	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
AROCLOR-1254	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
AROCLOR-1260	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-3	F-SB-94RE-4	F-SB-94RE-5
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	0 U [MDL=25]	0 U [MDL=24]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-6	F-SB-94RE-7	F-SB-94RE-8
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-6 9/21/2009	SB-094 F-SB-94RE-7 9/21/2009	SB-094 F-SB-94RE-8 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-6 9/21/2009	SB-094 F-SB-94RE-7 9/21/2009	SB-094 F-SB-94RE-8 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-6 9/21/2009	SB-094 F-SB-94RE-7 9/21/2009	SB-094 F-SB-94RE-8 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-6 9/21/2009	SB-094 F-SB-94RE-7 9/21/2009	SB-094 F-SB-94RE-8 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	24.603 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	24.603 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	12 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	11 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	15 [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	9.2 [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-6 9/21/2009	SB-094 F-SB-94RE-7 9/21/2009	SB-094 F-SB-94RE-8 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	11 [MDL=1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	9.8 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	10 [MDL=1.7]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	78 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	24.0 U [MDL=24]	25.0 U [MDL=25]	24.0 U [MDL=24]
AROCLOR-1221	19.0 U [MDL=19]	19.0 U [MDL=19]	18.0 U [MDL=18]
AROCLOR-1232	16.0 U [MDL=16]	17.0 U [MDL=17]	16.0 U [MDL=16]
AROCLOR-1242	15.0 U [MDL=15]	15.0 U [MDL=15]	15.0 U [MDL=15]
AROCLOR-1248	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
AROCLOR-1254	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
AROCLOR-1260	20.0 U [MDL=20]	20.0 U [MDL=20]	20.0 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-094	SB-094
SAMPLE ID	F-SB-94RE-6	F-SB-94RE-7	F-SB-94RE-8
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=24]	0 U [MDL=25]	0 U [MDL=24]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-9 9/21/2009	SB-095 SB-95-05 9/16/2004	SB-095 SB-95-10 9/16/2004
METALS (MG/KG)			
ANTIMONY	--	2.9 UR [--]	2.9 UR [--]
ARSENIC	--	0.58 UL [--]	0.59 UL [--]
BARIUM	--	--	--
BERYLLIUM	--	5.2 L [--]	2.9 UL [--]
CADMIUM	--	2.9 UL [--]	2.9 UL [--]
CHROMIUM	--	19 [--]	9.6 K [--]
COBALT	--	--	--
COPPER	--	24 L [--]	5.5 L [--]
LEAD	--	5.2 L [--]	3.2 L [--]
MERCURY	--	0.12 U [--]	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	--	21 [--]	8.4 [--]
SELENIUM	--	2.9 UL [--]	2.9 UL [--]
SILVER	--	2.9 UR [--]	2.9 UR [--]
THALLIUM	--	2.3 UL [--]	2.4 UL [--]
VANADIUM	--	--	--
ZINC	--	29 U [--]	29 U [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	400 U [--]	390 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	400 U [--]	390 U [--]
2,4,5-TRICHLOROPHENOL	--	1000 U [--]	980 U [--]
2,4,6-TRICHLOROPHENOL	--	400 U [--]	390 U [--]
2,4-DICHLOROPHENOL	--	400 U [--]	390 U [--]
2,4-DIMETHYLPHENOL	--	400 U [--]	390 U [--]
2,4-DINITROPHENOL	--	1000 U [--]	980 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-9 9/21/2009	SB-095 SB-95-05 9/16/2004	SB-095 SB-95-10 9/16/2004
2,4-DINITROTOLUENE	--	400 U [--]	390 U [--]
2,6-DINITROTOLUENE	--	400 U [--]	390 U [--]
2-CHLORONAPHTHALENE	--	400 U [--]	390 U [--]
2-CHLOROPHENOL	--	400 U [--]	390 U [--]
2-METHYLPHENOL	--	400 U [--]	390 U [--]
2-NITROANILINE	--	1000 U [--]	980 U [--]
2-NITROPHENOL	--	400 U [--]	390 U [--]
3&4-METHYLPHENOL	--	400 U [--]	390 U [--]
3,3'-DICHLOROBENZIDINE	--	400 U [--]	390 U [--]
3-NITROANILINE	--	1000 U [--]	980 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	930 U [--]	900 U [--]
4-BROMOPHENYL PHENYL ETHER	--	400 U [--]	390 U [--]
4-CHLORO-3-METHYLPHENOL	--	400 U [--]	390 U [--]
4-CHLOROANILINE	--	400 U [--]	390 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	400 U [--]	390 U [--]
4-NITROANILINE	--	1000 U [--]	980 U [--]
4-NITROPHENOL	--	1000 U [--]	980 U [--]
ACETOPHENONE	--	400 U [--]	390 U [--]
ANILINE	--	--	--
ATRAZINE	--	400 U [--]	390 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	400 U [--]	390 U [--]
BIS(2-CHLOROETHYL)ETHER	--	400 U [--]	390 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	400 U [--]	390 U [--]
BUTYL BENZYL PHTHALATE	--	400 U [--]	390 U [--]
CAPROLACTAM	--	400 U [--]	390 U [--]
CARBAZOLE	--	400 U [--]	390 U [--]
DIBENZOFURAN	--	400 U [--]	390 U [--]
DIETHYL PHTHALATE	--	400 U [--]	390 U [--]
DIMETHYL PHTHALATE	--	400 U [--]	77 J [--]
DI-N-BUTYL PHTHALATE	--	400 U [--]	390 U [--]
DI-N-OCTYL PHTHALATE	--	400 U [--]	390 U [--]
HEXACHLOROBENZENE	--	400 U [--]	390 U [--]
HEXACHLOROBUTADIENE	--	400 U [--]	390 U [--]
HEXACHLOROCYCLOPENTADIENE	--	400 U [--]	390 U [--]

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-094	SB-095	SB-095
SAMPLE ID	F-SB-94RE-9	SB-95-05	SB-95-10
SAMPLE DATE	9/21/2009	9/16/2004	9/16/2004
HEXACHLOROETHANE	--	400 U [--]	390 U [--]
ISOPHORONE	--	400 U [--]	390 U [--]
NITROBENZENE	--	400 U [--]	390 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	400 U [--]	390 U [--]
N-NITROSODIPHENYLAMINE	--	400 U [--]	390 U [--]
PENTACHLOROPHENOL	--	1000 U [--]	980 U [--]
PHENOL	--	140 J [--]	390 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	6 U [--]	6 U [--]
1,1,1-TRICHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2,2-TETRACHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2-TRICHLOROETHANE	--	6 U [--]	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	6 U [--]	6 U [--]
1,1-DICHLOROETHANE	--	6 U [--]	6 U [--]
1,1-DICHLOROETHENE	--	6 U [--]	6 U [--]
1,1-DICHLOROPROPENE	--	6 U [--]	6 U [--]
1,2,3-TRICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2,3-TRICHLOROPROPANE	--	6 U [--]	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2,4-TRIMETHYLBENZENE	--	6 U [--]	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	--	6 U [--]	6 U [--]
1,2-DIBROMOETHANE	--	6 U [--]	6 U [--]
1,2-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,2-DICHLOROETHANE	--	6 U [--]	6 U [--]
1,2-DICHLOROPROPANE	--	6 U [--]	6 U [--]
1,3,5-TRIMETHYLBENZENE	--	6 U [--]	6 U [--]
1,3-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,3-DICHLOROPROPANE	--	6 U [--]	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	6 U [--]	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	6 U [--]	6 U [--]
2-BUTANONE	--	60 U [--]	58 U [--]
2-CHLOROETHYL VINYL ETHER	--	6 U [--]	6 U [--]
2-CHLOROTOLUENE	--	6 U [--]	6 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-9 9/21/2009	SB-095 SB-95-05 9/16/2004	SB-095 SB-95-10 9/16/2004
2-HEXANONE	--	60 U [--]	58 U [--]
4-CHLOROTOLUENE	--	6 U [--]	6 U [--]
4-ISOPROPYLTOLUENE	--	6 U [--]	6 U [--]
4-METHYL-2-PENTANONE	--	60 U [--]	58 U [--]
ACETONE	--	60 U [--]	58 U [--]
BENZENE	--	6 U [--]	6 U [--]
BROMOBENZENE	--	6 U [--]	6 U [--]
BROMOCHLOROMETHANE	--	6 U [--]	6 U [--]
BROMODICHLOROMETHANE	--	6 U [--]	6 U [--]
BROMOFORM	--	6 U [--]	6 U [--]
BROMOMETHANE	--	6 U [--]	6 U [--]
CARBON DISULFIDE	--	6 U [--]	6 U [--]
CARBON TETRACHLORIDE	--	6 U [--]	6 U [--]
CHLOROBENZENE	--	6 U [--]	6 U [--]
CHLORODIBROMOMETHANE	--	6 U [--]	6 U [--]
CHLOROETHANE	--	6 U [--]	6 U [--]
CHLOROFORM	--	6 U [--]	6 U [--]
CHLOROMETHANE	--	6 U [--]	6 U [--]
CIS-1,2-DICHLOROETHENE	--	6 U [--]	6 U [--]
CIS-1,3-DICHLOROPROPENE	--	6 U [--]	6 U [--]
DIBROMOMETHANE	--	6 U [--]	6 U [--]
DICHLORODIFLUOROMETHANE	--	6 U [--]	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	6 U [--]	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	6 U [--]	6 U [--]
M+P-XYLENES	--	12 U [--]	12 U [--]
METHYL TERT-BUTYL ETHER	--	6 U [--]	6 U [--]
METHYLENE CHLORIDE	--	6 U [--]	6 U [--]
NAPHTHALENE	--	6 U [--]	6 U [--]
N-BUTYLBENZENE	--	6 U [--]	6 U [--]
N-PROPYLBENZENE	--	6 U [--]	6 U [--]
O-XYLENE	--	6 U [--]	6 U [--]
SEC-BUTYLBENZENE	--	6 U [--]	6 U [--]
STYRENE	--	6 U [--]	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-9 9/21/2009	SB-095 SB-95-05 9/16/2004	SB-095 SB-95-10 9/16/2004
TERT-BUTYLBENZENE	--	6 U [--]	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	6 U [--]	6 U [--]
TOLUENE	--	6 U [--]	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	6 U [--]	6 U [--]
TRANS-1,3-DICHLOROPROPENE	--	6 U [--]	6 U [--]
TRICHLOROETHENE	--	6 U [--]	6 U [--]
TRICHLOROFLUOROMETHANE	--	6 U [--]	6 U [--]
VINYL ACETATE	--	6 U [--]	6 U [--]
VINYL CHLORIDE	--	6 U [--]	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	400 U [--]	390 U [--]
ACENAPHTHENE	--	400 U [--]	390 U [--]
ACENAPHTHYLENE	--	400 U [--]	390 U [--]
ANTHRACENE	--	400 U [--]	390 U [--]
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	400 U [--]	390 U [--]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	400 U [--]	390 U [--]
BAP EQUIVALENT-UCL	--	621.998487 [--]	657.575298 [--]
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	400 U [--]	390 U [--]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	400 U [--]	390 U [--]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	400 U [--]	390 U [--]
BENZO(G,H,I)PERYLENE	--	400 U [--]	390 U [--]
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	400 U [--]	390 U [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-094 F-SB-94RE-9 9/21/2009	SB-095 SB-95-05 9/16/2004	SB-095 SB-95-10 9/16/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.0 U [MDL=1]	400 U [--]	390 U [--]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	400 U [--]	390 U [--]
FLUORANTHENE	--	400 U [--]	390 U [--]
FLUORENE	--	400 U [--]	390 U [--]
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	400 U [--]	390 U [--]
NAPHTHALENE	--	400 U [--]	390 U [--]
PHENANTHRENE	--	400 U [--]	390 U [--]
PYRENE	--	400 U [--]	390 U [--]
TOTAL PAHS	0 U [MDL=1.5]	0 U [--]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	24 U [--]	23 U [--]
4,4'-DDE	--	24 U [--]	23 U [--]
4,4'-DDT	--	24 U [--]	23 U [--]
ALDRIN	--	24 U [--]	23 U [--]
ALPHA-BHC	--	24 U [--]	23 U [--]
ALPHA-CHLORDANE	--	24 U [--]	23 U [--]
AROCLOR-1016	24.0 U [MDL=24]	300 U [--]	290 U [--]
AROCLOR-1221	18.0 U [MDL=18]	300 U [--]	290 U [--]
AROCLOR-1232	16.0 U [MDL=16]	300 U [--]	290 U [--]
AROCLOR-1242	15.0 U [MDL=15]	300 U [--]	290 U [--]
AROCLOR-1248	20.0 U [MDL=20]	300 U [--]	290 U [--]
AROCLOR-1254	20.0 U [MDL=20]	300 U [--]	290 U [--]
AROCLOR-1260	20.0 U [MDL=20]	300 U [--]	290 U [--]
BETA-BHC	--	24 U [--]	23 U [--]
DELTA-BHC	--	24 U [--]	23 U [--]
DIELDRIN	--	24 U [--]	23 U [--]
ENDOSULFAN I	--	24 U [--]	23 U [--]
ENDOSULFAN II	--	24 U [--]	23 U [--]
ENDOSULFAN SULFATE	--	24 U [--]	23 U [--]
ENDRIN	--	24 U [--]	23 U [--]
ENDRIN ALDEHYDE	--	24 U [--]	23 U [--]
ENDRIN KETONE	--	24 U [--]	23 U [--]
GAMMA-BHC (LINDANE)	--	24 U [--]	23 U [--]
GAMMA-CHLORDANE	--	24 U [--]	23 U [--]
HEPTACHLOR	--	24 U [--]	23 U [--]

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LOCATION	SB-094	SB-095	SB-095
SAMPLE ID	F-SB-94RE-9	SB-95-05	SB-95-10
SAMPLE DATE	9/21/2009	9/16/2004	9/16/2004
HEPTACHLOR EPOXIDE	--	24 U [--]	23 U [--]
METHOXYCHLOR	--	24 U [--]	23 U [--]
TOTAL AROCLOR	0 U [MDL=24]	0 U [--]	0 U [--]
TOTAL DDT POS	--	0 U [--]	0 U [--]
TOXAPHENE	--	600 U [--]	580 U [--]
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	12000 U [--]	12000 U [--]
GASOLINE RANGE ORGANICS	--	120 U [--]	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-095	SB-095	SB-095
SAMPLE ID	SB-95-SS	F-SB-95RE-1	F-SB-95RE-10
SAMPLE DATE	9/16/2004	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	3 UR [--]	--	--
ARSENIC	2 L [--]	--	--
BARIUM	--	--	--
BERYLLIUM	3 UL [--]	--	--
CADMIUM	3 UL [--]	--	--
CHROMIUM	14 [--]	--	--
COBALT	--	--	--
COPPER	34 L [--]	--	--
LEAD	100 L [--]	--	--
MERCURY	0.15 [--]	--	--
MOLYBDENUM	--	--	--
NICKEL	8.1 [--]	--	--
SELENIUM	3 UL [--]	--	--
SILVER	3 UR [--]	--	--
THALLIUM	2.4 UL [--]	--	--
VANADIUM	--	--	--
ZINC	81 K [--]	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	420 U [--]	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	420 U [--]	--	--
2,4,5-TRICHLOROPHENOL	1000 U [--]	--	--
2,4,6-TRICHLOROPHENOL	420 U [--]	--	--
2,4-DICHLOROPHENOL	420 U [--]	--	--
2,4-DIMETHYLPHENOL	420 U [--]	--	--
2,4-DINITROPHENOL	1000 U [--]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 SB-95-SS 9/16/2004	SB-095 F-SB-95RE-1 9/18/2009	SB-095 F-SB-95RE-10 9/18/2009
2,4-DINITROTOLUENE	420 U [--]	--	--
2,6-DINITROTOLUENE	420 U [--]	--	--
2-CHLORONAPHTHALENE	420 U [--]	--	--
2-CHLOROPHENOL	420 U [--]	--	--
2-METHYLPHENOL	420 U [--]	--	--
2-NITROANILINE	1000 U [--]	--	--
2-NITROPHENOL	420 U [--]	--	--
3&4-METHYLPHENOL	420 U [--]	--	--
3,3'-DICHLOROBENZIDINE	420 U [--]	--	--
3-NITROANILINE	1000 U [--]	--	--
4,6-DINITRO-2-METHYLPHENOL	960 U [--]	--	--
4-BROMOPHENYL PHENYL ETHER	420 U [--]	--	--
4-CHLORO-3-METHYLPHENOL	420 U [--]	--	--
4-CHLOROANILINE	420 U [--]	--	--
4-CHLOROPHENYL PHENYL ETHER	420 U [--]	--	--
4-NITROANILINE	1000 U [--]	--	--
4-NITROPHENOL	1000 U [--]	--	--
ACETOPHENONE	420 U [--]	--	--
ANILINE	--	--	--
ATRAZINE	420 U [--]	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	420 U [--]	--	--
BIS(2-CHLOROETHYL)ETHER	420 U [--]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	420 U [--]	--	--
BUTYL BENZYL PHTHALATE	420 U [--]	--	--
CAPROLACTAM	420 U [--]	--	--
CARBAZOLE	190 J [--]	--	--
DIBENZOFURAN	54 J [--]	--	--
DIETHYL PHTHALATE	420 U [--]	--	--
DIMETHYL PHTHALATE	420 U [--]	--	--
DI-N-BUTYL PHTHALATE	420 U [--]	--	--
DI-N-OCTYL PHTHALATE	53 J [--]	--	--
HEXACHLOROBENZENE	420 U [--]	--	--
HEXACHLOROBUTADIENE	420 U [--]	--	--
HEXACHLOROCYCLOPENTADIENE	420 U [--]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 SB-95-SS 9/16/2004	SB-095 F-SB-95RE-1 9/18/2009	SB-095 F-SB-95RE-10 9/18/2009
HEXACHLOROETHANE	420 U [--]	--	--
ISOPHORONE	420 U [--]	--	--
NITROBENZENE	420 U [--]	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	420 U [--]	--	--
N-NITROSODIPHENYLAMINE	420 U [--]	--	--
PENTACHLOROPHENOL	1000 U [--]	--	--
PHENOL	420 U [--]	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	--	--
1,1,1-TRICHLOROETHANE	6 U [--]	--	--
1,1,2,2-TETRACHLOROETHANE	6 U [--]	--	--
1,1,2-TRICHLOROETHANE	6 U [--]	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [--]	--	--
1,1-DICHLOROETHANE	6 U [--]	--	--
1,1-DICHLOROETHENE	6 U [--]	--	--
1,1-DICHLOROPROPENE	6 U [--]	--	--
1,2,3-TRICHLOROBENZENE	6 U [--]	--	--
1,2,3-TRICHLOROPROPANE	6 U [--]	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	--	--
1,2,4-TRIMETHYLBENZENE	6 U [--]	--	--
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	--	--
1,2-DIBROMOETHANE	6 U [--]	--	--
1,2-DICHLOROBENZENE	6 U [--]	--	--
1,2-DICHLOROETHANE	6 U [--]	--	--
1,2-DICHLOROPROPANE	6 U [--]	--	--
1,3,5-TRIMETHYLBENZENE	6 U [--]	--	--
1,3-DICHLOROBENZENE	6 U [--]	--	--
1,3-DICHLOROPROPANE	6 U [--]	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	--	--
2-BUTANONE	62 U [--]	--	--
2-CHLOROETHYL VINYL ETHER	6 U [--]	--	--
2-CHLOROTOLUENE	6 U [--]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 SB-95-SS 9/16/2004	SB-095 F-SB-95RE-1 9/18/2009	SB-095 F-SB-95RE-10 9/18/2009
2-HEXANONE	62 U [--]	--	--
4-CHLOROTOLUENE	6 U [--]	--	--
4-ISOPROPYLTOLUENE	6 U [--]	--	--
4-METHYL-2-PENTANONE	62 U [--]	--	--
ACETONE	62 U [--]	--	--
BENZENE	6 U [--]	--	--
BROMOBENZENE	6 U [--]	--	--
BROMOCHLOROMETHANE	6 U [--]	--	--
BROMODICHLOROMETHANE	6 U [--]	--	--
BROMOFORM	6 U [--]	--	--
BROMOMETHANE	6 U [--]	--	--
CARBON DISULFIDE	6 U [--]	--	--
CARBON TETRACHLORIDE	6 U [--]	--	--
CHLOROBENZENE	6 U [--]	--	--
CHLORODIBROMOMETHANE	6 U [--]	--	--
CHLOROETHANE	6 U [--]	--	--
CHLOROFORM	6 U [--]	--	--
CHLOROMETHANE	6 U [--]	--	--
CIS-1,2-DICHLOROETHENE	6 U [--]	--	--
CIS-1,3-DICHLOROPROPENE	6 U [--]	--	--
DIBROMOMETHANE	6 U [--]	--	--
DICHLORODIFLUOROMETHANE	6 U [--]	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	6 U [--]	--	--
M+P-XYLENES	12 U [--]	--	--
METHYL TERT-BUTYL ETHER	6 U [--]	--	--
METHYLENE CHLORIDE	6 U [--]	--	--
NAPHTHALENE	6 U [--]	--	--
N-BUTYLBENZENE	6 U [--]	--	--
N-PROPYLBENZENE	6 U [--]	--	--
O-XYLENE	6 U [--]	--	--
SEC-BUTYLBENZENE	6 U [--]	--	--
STYRENE	6 U [--]	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 SB-95-SS 9/16/2004	SB-095 F-SB-95RE-1 9/18/2009	SB-095 F-SB-95RE-10 9/18/2009
TERT-BUTYLBENZENE	6 U [--]	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	--	--
TOLUENE	6 U [--]	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	--	--
TRANS-1,3-DICHLOROPROPENE	6 U [--]	--	--
TRICHLOROETHENE	6 U [--]	--	--
TRICHLOROFLUOROMETHANE	6 U [--]	--	--
VINYL ACETATE	6 U [--]	--	--
VINYL CHLORIDE	6 U [--]	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	420 U [--]	--	--
ACENAPHTHENE	160 J [--]	--	--
ACENAPHTHYLENE	420 U [--]	--	--
ANTHRACENE	380 J [--]	--	--
BAP EQUIVALENT-HALFND	2131.7 [--]	50001 [MDL=76]	29.08 [MDL=1.7]
BAP EQUIVALENT-POS	2131.7 [--]	49963 [MDL=76]	28.23 [MDL=1.7]
BAP EQUIVALENT-UCL	2131.7 [--]	--	--
BENZO(A)ANTHRACENE	1600 [--]	42000 [MDL=56]	20 [MDL=1.2]
BENZO(A)PYRENE	1600 [--]	38000 [MDL=76]	21 [MDL=1.7]
BENZO(B)FLUORANTHENE	1800 [--]	55000 [MDL=70]	28 [MDL=1.5]
BENZO(G,H,I)PERYLENE	1000 J [--]	--	--
BENZO(K)FLUORANTHENE	1600 [--]	23000 [MDL=100]	11 [MDL=2.2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 SB-95-SS 9/16/2004	SB-095 F-SB-95RE-1 9/18/2009	SB-095 F-SB-95RE-10 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1700 [--]	33000 [MDL=53]	20 [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	75 J [--]	76.0 U [MDL=76]	1.7 U [MDL=1.7]
FLUORANTHENE	3300 [--]	--	--
FLUORENE	130 J [--]	--	--
INDENO(1,2,3-CD)PYRENE	990 [--]	20000 [MDL=88]	23 [MDL=1.9]
NAPHTHALENE	420 U [--]	--	--
PHENANTHRENE	1600 [--]	--	--
PYRENE	2500 [--]	--	--
TOTAL PAHS	18435 [--]	211000 [MDL=76]	123 [MDL=1.7]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	49 U [--]	--	--
4,4'-DDE	49 U [--]	--	--
4,4'-DDT	49 U [--]	--	--
ALDRIN	49 U [--]	--	--
ALPHA-BHC	49 U [--]	--	--
ALPHA-CHLORDANE	49 U [--]	--	--
AROCLOR-1016	300 U [--]	--	--
AROCLOR-1221	300 U [--]	--	--
AROCLOR-1232	300 U [--]	--	--
AROCLOR-1242	300 U [--]	--	--
AROCLOR-1248	300 U [--]	--	--
AROCLOR-1254	300 U [--]	--	--
AROCLOR-1260	300 U [--]	--	--
BETA-BHC	49 U [--]	--	--
DELTA-BHC	49 U [--]	--	--
DIELDRIN	49 U [--]	--	--
ENDOSULFAN I	49 U [--]	--	--
ENDOSULFAN II	49 U [--]	--	--
ENDOSULFAN SULFATE	49 U [--]	--	--
ENDRIN	49 U [--]	--	--
ENDRIN ALDEHYDE	49 U [--]	--	--
ENDRIN KETONE	49 U [--]	--	--
GAMMA-BHC (LINDANE)	49 U [--]	--	--
GAMMA-CHLORDANE	49 U [--]	--	--
HEPTACHLOR	49 U [--]	--	--

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SOIL

LOCATION	SB-095	SB-095	SB-095
SAMPLE ID	SB-95-SS	F-SB-95RE-1	F-SB-95RE-10
SAMPLE DATE	9/16/2004	9/18/2009	9/18/2009
HEPTACHLOR EPOXIDE	49 U [--]	--	--
METHOXYCHLOR	49 U [--]	--	--
TOTAL AROCLOR	0 U [--]	--	--
TOTAL DDT POS	0 U [--]	--	--
TOXAPHENE	1200 U [--]	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	12000 U [--]	--	--
GASOLINE RANGE ORGANICS	120 U [--]	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-11 9/18/2009	SB-095 F-SB-95RE-12 9/18/2009	SB-095 F-SB-95RE-13 9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-11 9/18/2009	SB-095 F-SB-95RE-12 9/18/2009	SB-095 F-SB-95RE-13 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION	SB-095	SB-095	SB-095
SAMPLE ID	F-SB-95RE-11	F-SB-95RE-12	F-SB-95RE-13
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-11 9/18/2009	SB-095 F-SB-95RE-12 9/18/2009	SB-095 F-SB-95RE-13 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-11 9/18/2009	SB-095 F-SB-95RE-12 9/18/2009	SB-095 F-SB-95RE-13 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	3.13555 [MDL=1.6]	1.6 U [MDL=1.6]	61.365 [MDL=1.7]
BAP EQUIVALENT-POS	1.4 [MDL=1.6]	1.6 U [MDL=1.6]	60.515 [MDL=1.7]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	54 J [MDL=1.3]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	47 J [MDL=1.7]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	56 J [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.1 U [MDL=2.1]	36 J [MDL=2.3]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-11 9/18/2009	SB-095 F-SB-95RE-12 9/18/2009	SB-095 F-SB-95RE-13 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	55 J [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.7 UJ [MDL=1.7]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	14 [MDL=1.8]	1.9 U [MDL=1.9]	21 J [MDL=2]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	14 [MDL=1.6]	0 U [MDL=1.6]	269 [MDL=1.7]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-11 9/18/2009	SB-095 F-SB-95RE-12 9/18/2009	SB-095 F-SB-95RE-13 9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-095	SB-095	SB-095
SAMPLE ID	F-SB-95RE-13-D	F-SB-95RE-14	F-SB-95RE-15
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-13-D 9/18/2009	SB-095 F-SB-95RE-14 9/18/2009	SB-095 F-SB-95RE-15 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-13-D 9/18/2009	SB-095 F-SB-95RE-14 9/18/2009	SB-095 F-SB-95RE-15 9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-13-D 9/18/2009	SB-095 F-SB-95RE-14 9/18/2009	SB-095 F-SB-95RE-15 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-13-D 9/18/2009	SB-095 F-SB-95RE-14 9/18/2009	SB-095 F-SB-95RE-15 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	557.69 [MDL=1.7]	69.88 [MDL=1.8]	31.685 [MDL=1.6]
BAP EQUIVALENT-POS	557.69 [MDL=1.7]	68.98 [MDL=1.8]	30.885 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	430 J [MDL=1.2]	62 [MDL=1.3]	22 [MDL=1.2]
BENZO(A)PYRENE	390 J [MDL=1.7]	53 [MDL=1.8]	24 [MDL=1.6]
BENZO(B)FLUORANTHENE	500 J [MDL=1.5]	71 [MDL=1.6]	31 [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	230 J [MDL=2.2]	32 [MDL=2.3]	16 [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-13-D 9/18/2009	SB-095 F-SB-95RE-14 9/18/2009	SB-095 F-SB-95RE-15 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	390 J [MDL=1.2]	60 [MDL=1.2]	25 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	51 J [MDL=1.7]	1.8 U [MDL=1.8]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	210 J [MDL=1.9]	23 [MDL=2]	14 [MDL=1.9]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	2201 [MDL=1.7]	301 [MDL=1.8]	132 [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-13-D 9/18/2009	SB-095 F-SB-95RE-14 9/18/2009	SB-095 F-SB-95RE-15 9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-095	SB-095	SB-095
SAMPLE ID	F-SB-95RE-2	F-SB-95RE-3	F-SB-95RE-4
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-2 9/18/2009	SB-095 F-SB-95RE-3 9/18/2009	SB-095 F-SB-95RE-4 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION	SB-095	SB-095	SB-095
SAMPLE ID	F-SB-95RE-2	F-SB-95RE-3	F-SB-95RE-4
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-2 9/18/2009	SB-095 F-SB-95RE-3 9/18/2009	SB-095 F-SB-95RE-4 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-2 9/18/2009	SB-095 F-SB-95RE-3 9/18/2009	SB-095 F-SB-95RE-4 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	2.63105 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	0.85 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	8.5 [MDL=1.2]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-2 9/18/2009	SB-095 F-SB-95RE-3 9/18/2009	SB-095 F-SB-95RE-4 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.9 U [MDL=1.9]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	8.5 [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-2 9/18/2009	SB-095 F-SB-95RE-3 9/18/2009	SB-095 F-SB-95RE-4 9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL			
LOCATION	SB-095	SB-095	SB-095
SAMPLE ID	F-SB-95RE-5	F-SB-95RE-6	F-SB-95RE-7
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-5 9/18/2009	SB-095 F-SB-95RE-6 9/18/2009	SB-095 F-SB-95RE-7 9/18/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-5 9/18/2009	SB-095 F-SB-95RE-6 9/18/2009	SB-095 F-SB-95RE-7 9/18/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-5 9/18/2009	SB-095 F-SB-95RE-6 9/18/2009	SB-095 F-SB-95RE-7 9/18/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-5 9/18/2009	SB-095 F-SB-95RE-6 9/18/2009	SB-095 F-SB-95RE-7 9/18/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-5 9/18/2009	SB-095 F-SB-95RE-6 9/18/2009	SB-095 F-SB-95RE-7 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-5 9/18/2009	SB-095 F-SB-95RE-6 9/18/2009	SB-095 F-SB-95RE-7 9/18/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-8 9/18/2009	SB-095 F-SB-95RE-9 9/18/2009	SB-096 SB-96-05 9/16/2004
METALS (MG/KG)			
ANTIMONY	--	--	2.6 UR [--]
ARSENIC	--	--	0.52 UL [--]
BARIUM	--	--	--
BERYLLIUM	--	--	2.6 UL [--]
CADMIUM	--	--	2.6 UL [--]
CHROMIUM	--	--	2.6 U [--]
COBALT	--	--	--
COPPER	--	--	4.3 L [--]
LEAD	--	--	2.6 UL [--]
MERCURY	--	--	0.1 U [--]
MOLYBDENUM	--	--	--
NICKEL	--	--	2.6 U [--]
SELENIUM	--	--	2.6 UL [--]
SILVER	--	--	2.6 UR [--]
THALLIUM	--	--	2.1 UL [--]
VANADIUM	--	--	--
ZINC	--	--	26 U [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	390 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	390 U [--]
2,4,5-TRICHLOROPHENOL	--	--	970 U [--]
2,4,6-TRICHLOROPHENOL	--	--	390 U [--]
2,4-DICHLOROPHENOL	--	--	390 U [--]
2,4-DIMETHYLPHENOL	--	--	390 U [--]
2,4-DINITROPHENOL	--	--	970 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-8 9/18/2009	SB-095 F-SB-95RE-9 9/18/2009	SB-096 SB-96-05 9/16/2004
2,4-DINITROTOLUENE	--	--	390 U [--]
2,6-DINITROTOLUENE	--	--	390 U [--]
2-CHLORONAPHTHALENE	--	--	390 U [--]
2-CHLOROPHENOL	--	--	390 U [--]
2-METHYLPHENOL	--	--	390 U [--]
2-NITROANILINE	--	--	970 U [--]
2-NITROPHENOL	--	--	390 U [--]
3&4-METHYLPHENOL	--	--	390 U [--]
3,3'-DICHLOROBENZIDINE	--	--	390 U [--]
3-NITROANILINE	--	--	970 U [--]
4,6-DINITRO-2-METHYLPHENOL	--	--	890 U [--]
4-BROMOPHENYL PHENYL ETHER	--	--	390 U [--]
4-CHLORO-3-METHYLPHENOL	--	--	390 U [--]
4-CHLOROANILINE	--	--	390 U [--]
4-CHLOROPHENYL PHENYL ETHER	--	--	390 U [--]
4-NITROANILINE	--	--	970 U [--]
4-NITROPHENOL	--	--	970 U [--]
ACETOPHENONE	--	--	390 U [--]
ANILINE	--	--	--
ATRAZINE	--	--	390 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	390 U [--]
BIS(2-CHLOROETHYL)ETHER	--	--	390 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	390 U [--]
BUTYL BENZYL PHTHALATE	--	--	390 U [--]
CAPROLACTAM	--	--	390 U [--]
CARBAZOLE	--	--	390 U [--]
DIBENZOFURAN	--	--	390 U [--]
DIETHYL PHTHALATE	--	--	390 U [--]
DIMETHYL PHTHALATE	--	--	390 U [--]
DI-N-BUTYL PHTHALATE	--	--	390 U [--]
DI-N-OCTYL PHTHALATE	--	--	390 U [--]
HEXACHLOROBENZENE	--	--	390 U [--]
HEXACHLOROBUTADIENE	--	--	390 U [--]
HEXACHLOROCYCLOPENTADIENE	--	--	390 U [--]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-8 9/18/2009	SB-095 F-SB-95RE-9 9/18/2009	SB-096 SB-96-05 9/16/2004
HEXACHLOROETHANE	--	--	390 U [--]
ISOPHORONE	--	--	390 U [--]
NITROBENZENE	--	--	390 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	390 U [--]
N-NITROSODIPHENYLAMINE	--	--	390 U [--]
PENTACHLOROPHENOL	--	--	970 U [--]
PHENOL	--	--	390 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	6 U [--]
1,1,1-TRICHLOROETHANE	--	--	6 U [--]
1,1,2,2-TETRACHLOROETHANE	--	--	6 U [--]
1,1,2-TRICHLOROETHANE	--	--	6 U [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	6 U [--]
1,1-DICHLOROETHANE	--	--	6 U [--]
1,1-DICHLOROETHENE	--	--	6 U [--]
1,1-DICHLOROPROPENE	--	--	6 U [--]
1,2,3-TRICHLOROBENZENE	--	--	6 U [--]
1,2,3-TRICHLOROPROPANE	--	--	6 U [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	6 U [--]
1,2,4-TRIMETHYLBENZENE	--	--	6 U [--]
1,2-DIBROMO-3-CHLOROPROPANE	--	--	6 U [--]
1,2-DIBROMOETHANE	--	--	6 U [--]
1,2-DICHLOROBENZENE	--	--	6 U [--]
1,2-DICHLOROETHANE	--	--	6 U [--]
1,2-DICHLOROPROPANE	--	--	6 U [--]
1,3,5-TRIMETHYLBENZENE	--	--	6 U [--]
1,3-DICHLOROBENZENE	--	--	6 U [--]
1,3-DICHLOROPROPANE	--	--	6 U [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	6 U [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	6 U [--]
2-BUTANONE	--	--	58 U [--]
2-CHLOROETHYL VINYL ETHER	--	--	6 U [--]
2-CHLOROTOLUENE	--	--	6 U [--]

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-8 9/18/2009	SB-095 F-SB-95RE-9 9/18/2009	SB-096 SB-96-05 9/16/2004
2-HEXANONE	--	--	58 U [--]
4-CHLOROTOLUENE	--	--	6 U [--]
4-ISOPROPYLTOLUENE	--	--	6 U [--]
4-METHYL-2-PENTANONE	--	--	58 U [--]
ACETONE	--	--	58 U [--]
BENZENE	--	--	6 U [--]
BROMOBENZENE	--	--	6 U [--]
BROMOCHLOROMETHANE	--	--	6 U [--]
BROMODICHLOROMETHANE	--	--	6 U [--]
BROMOFORM	--	--	6 U [--]
BROMOMETHANE	--	--	6 U [--]
CARBON DISULFIDE	--	--	6 U [--]
CARBON TETRACHLORIDE	--	--	6 U [--]
CHLOROBENZENE	--	--	6 U [--]
CHLORODIBROMOMETHANE	--	--	6 U [--]
CHLOROETHANE	--	--	6 U [--]
CHLOROFORM	--	--	6 U [--]
CHLOROMETHANE	--	--	6 U [--]
CIS-1,2-DICHLOROETHENE	--	--	6 U [--]
CIS-1,3-DICHLOROPROPENE	--	--	6 U [--]
DIBROMOMETHANE	--	--	6 U [--]
DICHLORODIFLUOROMETHANE	--	--	6 U [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	6 U [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	6 U [--]
M+P-XYLENES	--	--	12 U [--]
METHYL TERT-BUTYL ETHER	--	--	6 U [--]
METHYLENE CHLORIDE	--	--	6 U [--]
NAPHTHALENE	--	--	6 U [--]
N-BUTYLBENZENE	--	--	6 U [--]
N-PROPYLBENZENE	--	--	6 U [--]
O-XYLENE	--	--	6 U [--]
SEC-BUTYLBENZENE	--	--	6 U [--]
STYRENE	--	--	6 U [--]
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-8 9/18/2009	SB-095 F-SB-95RE-9 9/18/2009	SB-096 SB-96-05 9/16/2004
TERT-BUTYLBENZENE	--	--	6 U [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	6 U [--]
TOLUENE	--	--	6 U [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	6 U [--]
TRANS-1,3-DICHLOROPROPENE	--	--	6 U [--]
TRICHLOROETHENE	--	--	6 U [--]
TRICHLOROFLUOROMETHANE	--	--	6 U [--]
VINYL ACETATE	--	--	6 U [--]
VINYL CHLORIDE	--	--	6 U [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	390 U [--]
ACENAPHTHENE	--	--	390 U [--]
ACENAPHTHYLENE	--	--	390 U [--]
ANTHRACENE	--	--	390 U [--]
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	71.368 [MDL=1.6]	390 U [--]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	70.568 [MDL=1.6]	390 U [--]
BAP EQUIVALENT-UCL	--	--	811.629406 [--]
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	52 [MDL=1.2]	390 U [--]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	54 [MDL=1.6]	390 U [--]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	67 [MDL=1.5]	390 U [--]
BENZO(G,H,I)PERYLENE	--	--	390 U [--]
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	32 [MDL=2.1]	390 U [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-8 9/18/2009	SB-095 F-SB-95RE-9 9/18/2009	SB-096 SB-96-05 9/16/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	48 [MDL=1.1]	390 U [--]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	390 U [--]
FLUORANTHENE	--	--	390 U [--]
FLUORENE	--	--	390 U [--]
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	43 [MDL=1.9]	390 U [--]
NAPHTHALENE	--	--	390 U [--]
PHENANTHRENE	--	--	390 U [--]
PYRENE	--	--	390 U [--]
TOTAL PAHS	0 U [MDL=1.6]	296 [MDL=1.6]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	23 U [--]
4,4'-DDE	--	--	23 U [--]
4,4'-DDT	--	--	23 U [--]
ALDRIN	--	--	23 U [--]
ALPHA-BHC	--	--	23 U [--]
ALPHA-CHLORDANE	--	--	23 U [--]
AROCLOR-1016	--	--	290 U [--]
AROCLOR-1221	--	--	290 U [--]
AROCLOR-1232	--	--	290 U [--]
AROCLOR-1242	--	--	290 U [--]
AROCLOR-1248	--	--	290 U [--]
AROCLOR-1254	--	--	290 U [--]
AROCLOR-1260	--	--	290 U [--]
BETA-BHC	--	--	23 U [--]
DELTA-BHC	--	--	23 U [--]
DIELDRIN	--	--	23 U [--]
ENDOSULFAN I	--	--	23 U [--]
ENDOSULFAN II	--	--	23 U [--]
ENDOSULFAN SULFATE	--	--	23 U [--]
ENDRIN	--	--	23 U [--]
ENDRIN ALDEHYDE	--	--	23 U [--]
ENDRIN KETONE	--	--	23 U [--]
GAMMA-BHC (LINDANE)	--	--	23 U [--]
GAMMA-CHLORDANE	--	--	23 U [--]
HEPTACHLOR	--	--	23 U [--]

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LOCATION SAMPLE ID SAMPLE DATE	SB-095 F-SB-95RE-8 9/18/2009	SB-095 F-SB-95RE-9 9/18/2009	SB-096 SB-96-05 9/16/2004
HEPTACHLOR EPOXIDE	--	--	23 U [--]
METHOXYCHLOR	--	--	23 U [--]
TOTAL AROCLOR	--	--	0 U [--]
TOTAL DDT POS	--	--	0 U [--]
TOXAPHENE	--	--	570 U [--]
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	12000 U [--]
GASOLINE RANGE ORGANICS	--	--	120 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	SB-96-10	SB-96-15	SB-96-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
METALS (MG/KG)			
ANTIMONY	3 UR [--]	3 UR [--]	2.9 UR [--]
ARSENIC	0.59 UL [--]	0.6 UL [--]	2 L [--]
BARIUM	--	--	--
BERYLLIUM	4.1 L [--]	3 UL [--]	2.9 UL [--]
CADMIUM	3 UL [--]	3 UL [--]	2.9 UL [--]
CHROMIUM	17 [--]	3 U [--]	9.3 K [--]
COBALT	--	--	--
COPPER	13 L [--]	3.3 L [--]	5.1 L [--]
LEAD	4.3 L [--]	3 UL [--]	3.2 L [--]
MERCURY	0.12 U [--]	0.12 U [--]	0.12 U [--]
MOLYBDENUM	--	--	--
NICKEL	22 [--]	3 U [--]	5.4 K [--]
SELENIUM	3 UL [--]	3 UL [--]	2.9 UL [--]
SILVER	3 UR [--]	3 UR [--]	2.9 UR [--]
THALLIUM	2.4 UL [--]	2.4 UL [--]	2.3 UL [--]
VANADIUM	--	--	--
ZINC	30 U [--]	30 U [--]	29 U [--]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	400 U [--]	410 U [--]	380 U [--]
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	400 U [--]	410 U [--]	380 U [--]
2,4,5-TRICHLOROPHENOL	990 U [--]	1000 U [--]	960 U [--]
2,4,6-TRICHLOROPHENOL	400 U [--]	410 U [--]	380 U [--]
2,4-DICHLOROPHENOL	400 U [--]	410 U [--]	380 U [--]
2,4-DIMETHYLPHENOL	400 U [--]	410 U [--]	380 U [--]
2,4-DINITROPHENOL	990 U [--]	1000 U [--]	960 U [--]

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SOIL

LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	SB-96-10	SB-96-15	SB-96-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
2,4-DINITROTOLUENE	400 U [--]	410 U [--]	380 U [--]
2,6-DINITROTOLUENE	400 U [--]	410 U [--]	380 U [--]
2-CHLORONAPHTHALENE	400 U [--]	410 U [--]	380 U [--]
2-CHLOROPHENOL	400 U [--]	410 U [--]	380 U [--]
2-METHYLPHENOL	400 U [--]	410 U [--]	380 U [--]
2-NITROANILINE	990 U [--]	1000 U [--]	960 U [--]
2-NITROPHENOL	400 U [--]	410 U [--]	380 U [--]
3&4-METHYLPHENOL	400 U [--]	410 U [--]	380 U [--]
3,3'-DICHLOROBENZIDINE	400 U [--]	410 U [--]	380 U [--]
3-NITROANILINE	990 U [--]	1000 U [--]	960 U [--]
4,6-DINITRO-2-METHYLPHENOL	910 U [--]	930 U [--]	880 U [--]
4-BROMOPHENYL PHENYL ETHER	400 U [--]	410 U [--]	380 U [--]
4-CHLORO-3-METHYLPHENOL	400 U [--]	410 U [--]	380 U [--]
4-CHLOROANILINE	400 U [--]	410 U [--]	380 U [--]
4-CHLOROPHENYL PHENYL ETHER	400 U [--]	410 U [--]	380 U [--]
4-NITROANILINE	990 U [--]	1000 U [--]	960 U [--]
4-NITROPHENOL	990 U [--]	1000 U [--]	960 U [--]
ACETOPHENONE	400 U [--]	410 U [--]	380 U [--]
ANILINE	--	--	--
ATRAZINE	400 U [--]	410 U [--]	380 U [--]
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	400 U [--]	410 U [--]	380 U [--]
BIS(2-CHLOROETHYL)ETHER	400 U [--]	410 U [--]	380 U [--]
BIS(2-ETHYLHEXYL)PHTHALATE	400 U [--]	410 U [--]	380 U [--]
BUTYL BENZYL PHTHALATE	400 U [--]	410 U [--]	380 U [--]
CAPROLACTAM	400 U [--]	410 U [--]	380 U [--]
CARBAZOLE	400 U [--]	410 U [--]	380 U [--]
DIBENZOFURAN	400 U [--]	410 U [--]	380 U [--]
DIETHYL PHTHALATE	400 U [--]	410 U [--]	380 U [--]
DIMETHYL PHTHALATE	400 U [--]	410 U [--]	380 U [--]
DI-N-BUTYL PHTHALATE	400 U [--]	410 U [--]	380 U [--]
DI-N-OCTYL PHTHALATE	400 U [--]	410 U [--]	380 U [--]
HEXACHLOROBENZENE	400 U [--]	410 U [--]	380 U [--]
HEXACHLOROBUTADIENE	400 U [--]	410 U [--]	380 U [--]
HEXACHLOROCYCLOPENTADIENE	400 U [--]	410 U [--]	380 U [--]

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LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	SB-96-10	SB-96-15	SB-96-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
HEXACHLOROETHANE	400 U [--]	410 U [--]	380 U [--]
ISOPHORONE	400 U [--]	410 U [--]	380 U [--]
NITROBENZENE	400 U [--]	410 U [--]	380 U [--]
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	400 U [--]	410 U [--]	380 U [--]
N-NITROSODIPHENYLAMINE	400 U [--]	410 U [--]	380 U [--]
PENTACHLOROPHENOL	990 U [--]	1000 U [--]	960 U [--]
PHENOL	400 U [--]	410 U [--]	380 U [--]
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,1,1-TRICHLOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,1,2,2-TETRACHLOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,1,2-TRICHLOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,1-DICHLOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,1-DICHLOROETHENE	6 U [--]	6 U [--]	6 UJ [--]
1,1-DICHLOROPROPENE	6 U [--]	6 U [--]	6 UJ [--]
1,2,3-TRICHLOROBENZENE	6 U [--]	6 U [--]	6 UJ [--]
1,2,3-TRICHLOROPROPANE	6 U [--]	6 U [--]	6 UJ [--]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	6 U [--]	6 U [--]	6 UJ [--]
1,2,4-TRIMETHYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [--]	6 U [--]	6 UJ [--]
1,2-DIBROMOETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,2-DICHLOROBENZENE	6 U [--]	6 U [--]	6 UJ [--]
1,2-DICHLOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
1,2-DICHLOROPROPANE	6 U [--]	6 U [--]	6 UJ [--]
1,3,5-TRIMETHYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
1,3-DICHLOROBENZENE	6 U [--]	6 U [--]	6 UJ [--]
1,3-DICHLOROPROPANE	6 U [--]	6 U [--]	6 UJ [--]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [--]	6 U [--]	6 UJ [--]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [--]	6 U [--]	6 UJ [--]
2-BUTANONE	58 U [--]	59 U [--]	57 UJ [--]
2-CHLOROETHYL VINYL ETHER	6 U [--]	6 U [--]	6 UJ [--]
2-CHLOROTOLUENE	6 U [--]	6 U [--]	6 UJ [--]

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SOIL

LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	SB-96-10	SB-96-15	SB-96-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
2-HEXANONE	58 U [--]	59 U [--]	57 UJ [--]
4-CHLOROTOLUENE	6 U [--]	6 U [--]	6 UJ [--]
4-ISOPROPYLTOLUENE	6 U [--]	6 U [--]	6 UJ [--]
4-METHYL-2-PENTANONE	58 U [--]	59 U [--]	57 UJ [--]
ACETONE	58 U [--]	59 U [--]	57 UJ [--]
BENZENE	6 U [--]	6 U [--]	6 UJ [--]
BROMOBENZENE	6 U [--]	6 U [--]	6 UJ [--]
BROMOCHLOROMETHANE	6 U [--]	6 U [--]	6 UJ [--]
BROMODICHLOROMETHANE	6 U [--]	6 U [--]	6 UJ [--]
BROMOFORM	6 U [--]	6 U [--]	6 UJ [--]
BROMOMETHANE	6 U [--]	6 U [--]	6 UJ [--]
CARBON DISULFIDE	6 U [--]	6 U [--]	6 UJ [--]
CARBON TETRACHLORIDE	6 U [--]	6 U [--]	6 UJ [--]
CHLOROBENZENE	6 U [--]	6 U [--]	6 UJ [--]
CHLORODIBROMOMETHANE	6 U [--]	6 U [--]	6 UJ [--]
CHLOROETHANE	6 U [--]	6 U [--]	6 UJ [--]
CHLOROFORM	6 U [--]	6 U [--]	6 UJ [--]
CHLOROMETHANE	6 U [--]	6 U [--]	6 UJ [--]
CIS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	6 UJ [--]
CIS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	6 UJ [--]
DIBROMOMETHANE	6 U [--]	6 U [--]	6 UJ [--]
DICHLORODIFLUOROMETHANE	6 U [--]	6 U [--]	6 UJ [--]
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
M+P-XYLENES	12 U [--]	12 U [--]	11 UJ [--]
METHYL TERT-BUTYL ETHER	6 U [--]	6 U [--]	6 UJ [--]
METHYLENE CHLORIDE	6 U [--]	6 U [--]	8 J [--]
NAPHTHALENE	6 U [--]	6 U [--]	6 UJ [--]
N-BUTYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
N-PROPYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
O-XYLENE	6 U [--]	6 U [--]	6 UJ [--]
SEC-BUTYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
STYRENE	6 U [--]	6 U [--]	6 UJ [--]
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 SB-96-10 9/16/2004	SB-096 SB-96-15 9/16/2004	SB-096 SB-96-SS 9/16/2004
TERT-BUTYLBENZENE	6 U [--]	6 U [--]	6 UJ [--]
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	6 U [--]	6 U [--]	6 UJ [--]
TOLUENE	6 U [--]	6 U [--]	6 UJ [--]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	6 U [--]	6 U [--]	6 UJ [--]
TRANS-1,3-DICHLOROPROPENE	6 U [--]	6 U [--]	6 UJ [--]
TRICHLOROETHENE	6 U [--]	6 U [--]	6 UJ [--]
TRICHLOROFLUOROMETHANE	6 U [--]	6 U [--]	6 UJ [--]
VINYL ACETATE	6 U [--]	6 U [--]	6 UJ [--]
VINYL CHLORIDE	6 U [--]	6 U [--]	6 UJ [--]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	400 U [--]	410 U [--]	380 U [--]
ACENAPHTHENE	400 U [--]	410 U [--]	380 U [--]
ACENAPHTHYLENE	400 U [--]	410 U [--]	380 U [--]
ANTHRACENE	400 U [--]	410 U [--]	380 U [--]
BAP EQUIVALENT-HALFND	400 U [--]	410 U [--]	380 U [--]
BAP EQUIVALENT-POS	400 U [--]	410 U [--]	380 U [--]
BAP EQUIVALENT-UCL	796.942376 [--]	589.488737 [--]	727.976183 [--]
BENZO(A)ANTHRACENE	400 U [--]	410 U [--]	380 U [--]
BENZO(A)PYRENE	400 U [--]	410 U [--]	380 U [--]
BENZO(B)FLUORANTHENE	400 U [--]	410 U [--]	380 U [--]
BENZO(G,H,I)PERYLENE	400 U [--]	410 U [--]	380 U [--]
BENZO(K)FLUORANTHENE	400 U [--]	410 U [--]	380 U [--]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 SB-96-10 9/16/2004	SB-096 SB-96-15 9/16/2004	SB-096 SB-96-SS 9/16/2004
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	400 U [--]	410 U [--]	380 U [--]
DIBENZO(A,H)ANTHRACENE	400 U [--]	410 U [--]	380 U [--]
FLUORANTHENE	400 U [--]	410 U [--]	380 U [--]
FLUORENE	400 U [--]	410 U [--]	380 U [--]
INDENO(1,2,3-CD)PYRENE	400 U [--]	410 U [--]	380 U [--]
NAPHTHALENE	400 U [--]	410 U [--]	380 U [--]
PHENANTHRENE	400 U [--]	410 U [--]	380 U [--]
PYRENE	400 U [--]	410 U [--]	380 U [--]
TOTAL PAHS	0 U [--]	0 U [--]	0 U [--]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	23 U [--]	24 U [--]	23 U [--]
4,4'-DDE	23 U [--]	24 U [--]	23 U [--]
4,4'-DDT	23 U [--]	24 U [--]	23 U [--]
ALDRIN	23 U [--]	24 U [--]	23 U [--]
ALPHA-BHC	23 U [--]	24 U [--]	23 U [--]
ALPHA-CHLORDANE	23 U [--]	24 U [--]	23 U [--]
AROCLOR-1016	290 U [--]	300 U [--]	280 U [--]
AROCLOR-1221	290 U [--]	300 U [--]	280 U [--]
AROCLOR-1232	290 U [--]	300 U [--]	280 U [--]
AROCLOR-1242	290 U [--]	300 U [--]	280 U [--]
AROCLOR-1248	290 U [--]	300 U [--]	280 U [--]
AROCLOR-1254	290 U [--]	300 U [--]	280 U [--]
AROCLOR-1260	290 U [--]	300 U [--]	280 U [--]
BETA-BHC	23 U [--]	24 U [--]	23 U [--]
DELTA-BHC	23 U [--]	24 U [--]	23 U [--]
DIELDRIN	23 U [--]	24 U [--]	23 U [--]
ENDOSULFAN I	23 U [--]	24 U [--]	23 U [--]
ENDOSULFAN II	23 U [--]	24 U [--]	23 U [--]
ENDOSULFAN SULFATE	23 U [--]	24 U [--]	23 U [--]
ENDRIN	23 U [--]	24 U [--]	23 U [--]
ENDRIN ALDEHYDE	23 U [--]	24 U [--]	23 U [--]
ENDRIN KETONE	23 U [--]	24 U [--]	23 U [--]
GAMMA-BHC (LINDANE)	23 U [--]	24 U [--]	23 U [--]
GAMMA-CHLORDANE	23 U [--]	24 U [--]	23 U [--]
HEPTACHLOR	23 U [--]	24 U [--]	23 U [--]

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SOIL

LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	SB-96-10	SB-96-15	SB-96-SS
SAMPLE DATE	9/16/2004	9/16/2004	9/16/2004
HEPTACHLOR EPOXIDE	23 U [--]	24 U [--]	23 U [--]
METHOXYCHLOR	23 U [--]	24 U [--]	23 U [--]
TOTAL AROCLOR	0 U [--]	0 U [--]	0 U [--]
TOTAL DDT POS	0 U [--]	0 U [--]	0 U [--]
TOXAPHENE	580 U [--]	590 U [--]	570 U [--]
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	12000 [--]	12000 U [--]	11000 U [--]
GASOLINE RANGE ORGANICS	120 U [--]	120 U [--]	110 U [--]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	F-SB-96RE-1	F-SB-96RE-10	F-SB-96RE-11
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-1 9/21/2009	SB-096 F-SB-96RE-10 9/21/2009	SB-096 F-SB-96RE-11 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	F-SB-96RE-1	F-SB-96RE-10	F-SB-96RE-11
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-1 9/21/2009	SB-096 F-SB-96RE-10 9/21/2009	SB-096 F-SB-96RE-11 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-1 9/21/2009	SB-096 F-SB-96RE-10 9/21/2009	SB-096 F-SB-96RE-11 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	601.84 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	601.84 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	390 [MDL=1.1]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	410 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	580 [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	250 [MDL=1.9]	2.0 U [MDL=2]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-1 9/21/2009	SB-096 F-SB-96RE-10 9/21/2009	SB-096 F-SB-96RE-11 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	340 [MDL=1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	67 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	250 [MDL=1.7]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	2287 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL			
LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	F-SB-96RE-1	F-SB-96RE-10	F-SB-96RE-11
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-11-D 9/21/2009	SB-096 F-SB-96RE-12 9/21/2009	SB-096 F-SB-96RE-13 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-11-D 9/21/2009	SB-096 F-SB-96RE-12 9/21/2009	SB-096 F-SB-96RE-13 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-11-D 9/21/2009	SB-096 F-SB-96RE-12 9/21/2009	SB-096 F-SB-96RE-13 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-11-D 9/21/2009	SB-096 F-SB-96RE-12 9/21/2009	SB-096 F-SB-96RE-13 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-11-D 9/21/2009	SB-096 F-SB-96RE-12 9/21/2009	SB-096 F-SB-96RE-13 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	38.57 [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	37.77 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	27 [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	30 [MDL=1.6]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	32 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.1 U [MDL=2.1]	24 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-11-D 9/21/2009	SB-096 F-SB-96RE-12 9/21/2009	SB-096 F-SB-96RE-13 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	30 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	16 [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.6]	159 [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-11-D 9/21/2009	SB-096 F-SB-96RE-12 9/21/2009	SB-096 F-SB-96RE-13 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL			
LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	F-SB-96RE-14	F-SB-96RE-15	F-SB-96RE-2
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-14 9/21/2009	SB-096 F-SB-96RE-15 9/21/2009	SB-096 F-SB-96RE-2 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-14 9/21/2009	SB-096 F-SB-96RE-15 9/21/2009	SB-096 F-SB-96RE-2 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-14 9/21/2009	SB-096 F-SB-96RE-15 9/21/2009	SB-096 F-SB-96RE-2 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-14 9/21/2009	SB-096 F-SB-96RE-15 9/21/2009	SB-096 F-SB-96RE-2 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	57.888 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	57.888 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	25 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	27 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	42 [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	16 [MDL=2]	2.0 U [MDL=2]	2.1 U [MDL=2.1]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-14 9/21/2009	SB-096 F-SB-96RE-15 9/21/2009	SB-096 F-SB-96RE-2 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--
CHRYSENE	28 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	21 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	30 [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	189 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-14 9/21/2009	SB-096 F-SB-96RE-15 9/21/2009	SB-096 F-SB-96RE-2 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	F-SB-96RE-3	F-SB-96RE-4	F-SB-96RE-5
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-3 9/21/2009	SB-096 F-SB-96RE-4 9/21/2009	SB-096 F-SB-96RE-5 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-3 9/21/2009	SB-096 F-SB-96RE-4 9/21/2009	SB-096 F-SB-96RE-5 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-3 9/21/2009	SB-096 F-SB-96RE-4 9/21/2009	SB-096 F-SB-96RE-5 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-3 9/21/2009	SB-096 F-SB-96RE-4 9/21/2009	SB-096 F-SB-96RE-5 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.2 U [MDL=2.2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-3 9/21/2009	SB-096 F-SB-96RE-4 9/21/2009	SB-096 F-SB-96RE-5 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	2.0 U [MDL=2]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.7]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-3 9/21/2009	SB-096 F-SB-96RE-4 9/21/2009	SB-096 F-SB-96RE-5 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL			
LOCATION	SB-096	SB-096	SB-096
SAMPLE ID	F-SB-96RE-6	F-SB-96RE-7	F-SB-96RE-8
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-6 9/21/2009	SB-096 F-SB-96RE-7 9/21/2009	SB-096 F-SB-96RE-8 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-6 9/21/2009	SB-096 F-SB-96RE-7 9/21/2009	SB-096 F-SB-96RE-8 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-6 9/21/2009	SB-096 F-SB-96RE-7 9/21/2009	SB-096 F-SB-96RE-8 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-6 9/21/2009	SB-096 F-SB-96RE-7 9/21/2009	SB-096 F-SB-96RE-8 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-6 9/21/2009	SB-096 F-SB-96RE-7 9/21/2009	SB-096 F-SB-96RE-8 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-6 9/21/2009	SB-096 F-SB-96RE-7 9/21/2009	SB-096 F-SB-96RE-8 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-9 9/21/2009	SB-236 SB-236-01 5/9/2005	SB-236 SB-236-05 5/9/2005
METALS (MG/KG)			
ANTIMONY	--	2 L [MDL=0.3]	2 L [MDL=0.3]
ARSENIC	--	4 [MDL=0.6]	7 [MDL=0.5]
BARIUM	--	83 [MDL=0.3]	103 [MDL=0.3]
BERYLLIUM	--	0.7 [MDL=0.04]	0.6 [MDL=0.03]
CADMIUM	--	0.4 [MDL=0.05]	0.5 [MDL=0.04]
CHROMIUM	--	19.8 [MDL=0.2]	20.6 [MDL=0.2]
COBALT	--	5.8 [MDL=0.08]	6.2 [MDL=0.07]
COPPER	--	22 [MDL=0.3]	38 [MDL=0.3]
LEAD	--	51 [MDL=0.3]	81 [MDL=0.3]
MERCURY	--	0.92 L [--]	0.97 L [--]
MOLYBDENUM	--	0.6 B [MDL=0.5]	0.6 B [MDL=0.4]
NICKEL	--	12 [MDL=0.1]	17 [MDL=0.09]
SELENIUM	--	2 U [MDL=2]	3 [MDL=2]
SILVER	--	0.9 [MDL=0.05]	2.3 [MDL=0.04]
THALLIUM	--	1 U [MDL=1]	0.9 U [MDL=0.9]
VANADIUM	--	31 [MDL=0.2]	26.9 [MDL=0.2]
ZINC	--	82 [MDL=0.2]	131 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	8.2 [--]	7.7 [--]
MERCURY (METHYL) (UG/KG)	--	0.734 J [MDL=0.019]	1.21 J [MDL=0.048]
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-9 9/21/2009	SB-236 SB-236-01 5/9/2005	SB-236 SB-236-05 5/9/2005
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-9 9/21/2009	SB-236 SB-236-01 5/9/2005	SB-236 SB-236-05 5/9/2005
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-9 9/21/2009	SB-236 SB-236-01 5/9/2005	SB-236 SB-236-05 5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-9 9/21/2009	SB-236 SB-236-01 5/9/2005	SB-236 SB-236-05 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	17.766 [MDL=1.5]	--	--
BAP EQUIVALENT-POS	17.016 [MDL=1.5]	--	--
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	12 [MDL=1.1]	--	--
BENZO(A)PYRENE	13 [MDL=1.5]	--	--
BENZO(B)FLUORANTHENE	18 [MDL=1.4]	--	--
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	9.2 [MDL=2]	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-096 F-SB-96RE-9 9/21/2009	SB-236 SB-236-01 5/9/2005	SB-236 SB-236-05 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	14 [MDL=1.1]	--	--
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	--	--
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	9.1 [MDL=1.8]	--	--
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	75.3 [MDL=1.5]	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-096	SB-236	SB-236
SAMPLE ID	F-SB-96RE-9	SB-236-01	SB-236-05
SAMPLE DATE	9/21/2009	5/9/2005	5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-236	SB-237	SB-237
SAMPLE ID	SB-236-SS	SB-237-01	SB-237-05
SAMPLE DATE	5/9/2005	5/9/2005	5/9/2005
METALS (MG/KG)			
ANTIMONY	0.5 L [MDL=0.3]	4 L [MDL=0.2]	0.3 UL [MDL=0.3]
ARSENIC	3 [MDL=0.5]	5 [MDL=0.5]	2 B [MDL=0.6]
BARIUM	36 [MDL=0.3]	68 [MDL=0.2]	35 [MDL=0.3]
BERYLLIUM	1.4 [MDL=0.03]	0.6 [MDL=0.03]	3.2 [MDL=0.04]
CADMIUM	0.3 [MDL=0.04]	0.3 [MDL=0.04]	0.3 [MDL=0.05]
CHROMIUM	17.7 [MDL=0.2]	185 [MDL=0.2]	24.6 [MDL=0.2]
COBALT	6.8 [MDL=0.07]	5.1 [MDL=0.06]	8 [MDL=0.08]
COPPER	14 [MDL=0.3]	33 [MDL=0.2]	11 [MDL=0.3]
LEAD	11 [MDL=0.3]	63 [MDL=0.2]	11 [MDL=0.3]
MERCURY	0.29 L [--]	0.35 [--]	0.01 [--]
MOLYBDENUM	0.4 B [MDL=0.4]	63 [MDL=0.4]	0.5 U [MDL=0.5]
NICKEL	12 [MDL=0.08]	18 [MDL=0.08]	23 [MDL=0.1]
SELENIUM	2 [MDL=2]	4 [MDL=2]	2 U [MDL=2]
SILVER	0.04 U [MDL=0.04]	1.4 [MDL=0.04]	0.05 U [MDL=0.05]
THALLIUM	0.8 U [MDL=0.8]	0.8 U [MDL=0.8]	1 U [MDL=1]
VANADIUM	29.9 [MDL=0.2]	41.9 [MDL=0.2]	35.1 [MDL=0.2]
ZINC	35 [MDL=0.2]	99 [MDL=0.2]	41 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	0.4 U [MDL=0.4]	0.4 U [MDL=0.4]
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	8.1 [--]	--	--
MERCURY (METHYL) (UG/KG)	0.071 J [MDL=0.019]	1.467 J [MDL=0.018]	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-236 SB-236-SS 5/9/2005	SB-237 SB-237-01 5/9/2005	SB-237 SB-237-05 5/9/2005
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-236 SB-236-SS 5/9/2005	SB-237 SB-237-01 5/9/2005	SB-237 SB-237-05 5/9/2005
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-236 SB-236-SS 5/9/2005	SB-237 SB-237-01 5/9/2005	SB-237 SB-237-05 5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-236 SB-236-SS 5/9/2005	SB-237 SB-237-01 5/9/2005	SB-237 SB-237-05 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	--	--	--
BAP EQUIVALENT-POS	--	--	--
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	--	--	--
BENZO(A)PYRENE	--	--	--
BENZO(B)FLUORANTHENE	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-236 SB-236-SS 5/9/2005	SB-237 SB-237-01 5/9/2005	SB-237 SB-237-05 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	--	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-236	SB-237	SB-237
SAMPLE ID	SB-236-SS	SB-237-01	SB-237-05
SAMPLE DATE	5/9/2005	5/9/2005	5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[->] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-237	SB-238	SB-238
SAMPLE ID	SB-237-SS	SB-238-01	SB-238-05
SAMPLE DATE	5/9/2005	5/17/2005	5/17/2005
METALS (MG/KG)			
ANTIMONY	0.4 L [MDL=0.3]	0.3 UL [MDL=0.3]	0.30 L [MDL=0.3]
ARSENIC	3 B [MDL=0.6]	3.0 [MDL=0.7]	3.0 [MDL=0.6]
BARIUM	42 [MDL=0.3]	41.0 [MDL=0.3]	24.0 [MDL=0.3]
BERYLLIUM	1.6 [MDL=0.04]	1.8 [MDL=0.05]	2.0 [MDL=0.04]
CADMIUM	0.4 [MDL=0.05]	0.60 [MDL=0.06]	0.50 [MDL=0.05]
CHROMIUM	19.8 [MDL=0.2]	27.4 [MDL=0.2]	23.9 [MDL=0.2]
COBALT	5.6 [MDL=0.08]	8.4 [MDL=0.09]	14.8 [MDL=0.09]
COPPER	12 [MDL=0.3]	16.0 [MDL=0.3]	14.0 [MDL=0.3]
LEAD	8 B [MDL=0.3]	30.0 [MDL=0.3]	14.0 [MDL=0.3]
MERCURY	0.06 [--]	0.08 [--]	0.07 [--]
MOLYBDENUM	0.6 B [MDL=0.5]	0.80 B [MDL=0.6]	0.70 B [MDL=0.5]
NICKEL	12 [MDL=0.09]	22.0 [MDL=0.1]	27.0 [MDL=0.1]
SELENIUM	2 [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
SILVER	0.05 U [MDL=0.05]	0.06 U [MDL=0.06]	0.05 U [MDL=0.05]
THALLIUM	0.9 U [MDL=0.9]	1.0 U [MDL=1]	1.0 U [MDL=1]
VANADIUM	31 [MDL=0.2]	35.9 [MDL=0.2]	34.1 [MDL=0.2]
ZINC	28 [MDL=0.2]	54.0 [MDL=0.2]	57.0 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	0.36 U [MDL=0.4]	0.36 U [MDL=0.4]
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	203 U [MDL=60]	206 U [MDL=60]
1,2-DICHLOROBENZENE	--	203 U [MDL=30]	206 U [MDL=40]
1,3-DICHLOROBENZENE	--	203 U [MDL=30]	206 U [MDL=30]
1,4-DICHLOROBENZENE	--	203 U [MDL=30]	206 U [MDL=30]
1,4-DIOXANE	--	395 U [MDL=80.2]	400 U [MDL=81.2]
2,2'-OXYBIS(1-CHLOROPROPANE)	--	120 U [MDL=40]	121 U [MDL=40]
2,4,5-TRICHLOROPHENOL	--	407 U [MDL=40]	412 U [MDL=40]
2,4,6-TRICHLOROPHENOL	--	407 U [MDL=40]	412 U [MDL=40]
2,4-DICHLOROPHENOL	--	407 U [MDL=30]	412 U [MDL=30]
2,4-DIMETHYLPHENOL	--	407 U [MDL=40]	68 J [MDL=40]
2,4-DINITROPHENOL	--	598 U [MDL=60]	606 U [MDL=60]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-237 SB-237-SS 5/9/2005	SB-238 SB-238-01 5/17/2005	SB-238 SB-238-05 5/17/2005
2,4-DINITROTOLUENE	--	84 U [MDL=30]	85 U [MDL=30]
2,6-DINITROTOLUENE	--	84 U [MDL=40]	85 U [MDL=40]
2-CHLORONAPHTHALENE	--	203 U [MDL=30]	206 U [MDL=30]
2-CHLOROPHENOL	--	407 U [MDL=20]	412 U [MDL=20]
2-METHYLPHENOL	--	407 U [MDL=40]	412 U [MDL=40]
2-NITROANILINE	--	203 U [MDL=70]	206 U [MDL=70]
2-NITROPHENOL	--	407 U [MDL=30]	412 U [MDL=30]
3&4-METHYLPHENOL	--	802 U [MDL=30]	812 U [MDL=30]
3,3'-DICHLOROBENZIDINE	--	203 U [MDL=80]	206 U [MDL=80]
3-NITROANILINE	--	407 U [MDL=70]	412 U [MDL=70]
4,6-DINITRO-2-METHYLPHENOL	--	407 U [MDL=10]	412 U [MDL=10]
4-BROMOPHENYL PHENYL ETHER	--	120 U [MDL=40]	121 U [MDL=40]
4-CHLORO-3-METHYLPHENOL	--	407 U [MDL=40]	412 U [MDL=40]
4-CHLOROANILINE	--	407 U [MDL=50]	412 U [MDL=50]
4-CHLOROPHENYL PHENYL ETHER	--	203 U [MDL=30]	206 U [MDL=30]
4-NITROANILINE	--	120 U [MDL=60]	121 U [MDL=60]
4-NITROPHENOL	--	407 U [MDL=40]	412 U [MDL=40]
ACETOPHENONE	--	--	--
ANILINE	--	407 U [MDL=53.8]	412 U [MDL=54.6]
ATRAZINE	--	--	--
AZOBENZENE	--	203 U [MDL=22.7]	206 U [MDL=23]
BENZIDINE	--	802 UR [MDL=251]	812 UR [MDL=255]
BENZOIC ACID	--	802 U [MDL=34.7]	812 U [MDL=35.2]
BENZYL ALCOHOL	--	407 U [MDL=33.5]	412 U [MDL=33.9]
BIS(2-CHLOROETHOXY)METHANE	--	120 U [MDL=40]	121 U [MDL=40]
BIS(2-CHLOROETHYL)ETHER	--	120 U [MDL=30]	121 U [MDL=30]
BIS(2-ETHYLHEXYL)PHTHALATE	--	84 U [MDL=30]	85 U [MDL=30]
BUTYL BENZYL PHTHALATE	--	203 U [MDL=20]	206 U [MDL=20]
CAPROLACTAM	--	--	--
CARBAZOLE	--	203 U [MDL=30]	5690 [MDL=300]
DIBENZOFURAN	--	120 U [MDL=20]	3980 [MDL=20]
DIETHYL PHTHALATE	--	407 U [MDL=20]	412 U [MDL=20]
DIMETHYL PHTHALATE	--	407 U [MDL=20]	412 U [MDL=20]
DI-N-BUTYL PHTHALATE	--	203 U [MDL=30]	206 U [MDL=30]
DI-N-OCTYL PHTHALATE	--	203 U [MDL=20]	206 U [MDL=20]
HEXACHLOROBENZENE	--	84 U [MDL=30]	85 U [MDL=30]
HEXACHLOROBUTADIENE	--	203 U [MDL=40]	206 U [MDL=40]
HEXACHLOROCYCLOPENTADIENE	--	407 U [MDL=30]	412 U [MDL=30]

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LOCATION SAMPLE ID SAMPLE DATE	SB-237 SB-237-SS 5/9/2005	SB-238 SB-238-01 5/17/2005	SB-238 SB-238-05 5/17/2005
HEXACHLOROETHANE	--	203 U [MDL=30]	206 U [MDL=40]
ISOPHORONE	--	120 U [MDL=30]	121 U [MDL=30]
NITROBENZENE	--	203 U [MDL=60]	206 U [MDL=70]
N-NITROSODIMETHYLAMINE	--	120 U [MDL=45.5]	121 U [MDL=46.1]
N-NITROSO-DI-N-PROPYLAMINE	--	120 U [MDL=40]	121 U [MDL=40]
N-NITROSODIPHENYLAMINE	--	120 U [MDL=20]	81 J [MDL=20]
PENTACHLOROPHENOL	--	1000 U [MDL=50]	1020 U [MDL=50]
PHENOL	--	407 U [MDL=50]	412 U [MDL=50]
PYRIDINE	--	407 U [MDL=50.2]	412 U [MDL=50.9]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	2.2 U [MDL=0.5]	259 U [MDL=100]
1,1,1-TRICHLOROETHANE	--	2.2 U [MDL=0.3]	259 U [MDL=80]
1,1,2,2-TETRACHLOROETHANE	--	2.2 U [MDL=0.8]	259 U [MDL=100]
1,1,2-TRICHLOROETHANE	--	2.2 U [MDL=0.5]	259 U [MDL=100]
1,1,2-TRICHLOROTRIFLUOROETHANE	--	2.2 U [MDL=0.4]	259 U [MDL=100]
1,1-DICHLOROETHANE	--	2.2 U [MDL=0.4]	259 U [MDL=80]
1,1-DICHLOROETHENE	--	2.2 U [MDL=0.4]	259 U [MDL=100]
1,1-DICHLOROPROPENE	--	2.2 U [MDL=0.4]	259 U [MDL=80]
1,2,3-TRICHLOROBENZENE	--	2.2 U [MDL=0.7]	518 U [MDL=100]
1,2,3-TRICHLOROPROPANE	--	2.2 U [MDL=0.9]	518 U [MDL=200]
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	2.2 U [MDL=0.9]	518 U [MDL=200]
1,2,4-TRIMETHYLBENZENE	--	2.2 U [MDL=0.5]	658 [MDL=100]
1,2-DIBROMO-3-CHLOROPROPANE	--	4.4 U [MDL=2]	1300 U [MDL=800]
1,2-DIBROMOETHANE	--	2.2 U [MDL=0.4]	259 U [MDL=100]
1,2-DICHLOROBENZENE	--	2.2 U [MDL=0.7]	259 U [MDL=80]
1,2-DICHLOROETHANE	--	2.2 U [MDL=0.7]	259 U [MDL=100]
1,2-DICHLOROPROPANE	--	2.2 U [MDL=0.5]	259 U [MDL=80]
1,3,5-TRIMETHYLBENZENE	--	2.19 U [MDL=0.765]	139 J [MDL=100]
1,3-DICHLOROBENZENE	--	2.2 U [MDL=0.5]	259 U [MDL=100]
1,3-DICHLOROPROPANE	--	2.2 U [MDL=0.4]	259 U [MDL=80]
1,3-DICHLOROPROPENE	--	4.37 U [MDL=2.19]	518 U [MDL=80]
1,4-DICHLOROBENZENE	--	2.2 U [MDL=0.7]	259 U [MDL=80]
1,4-DIOXANE	--	109 UR [MDL=30]	51800 UR [MDL=10000]
2,2-DICHLOROPROPANE	--	2.2 U [MDL=0.5]	259 U [MDL=80]
2-BUTANONE	--	2.87 J [MDL=2.19]	2590 U [MDL=500]
2-CHLOROETHYL VINYL ETHER	--	2.2 UR [MDL=0.1]	518 UR [MDL=100]
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-237 SB-237-SS 5/9/2005	SB-238 SB-238-01 5/17/2005	SB-238 SB-238-05 5/17/2005
2-HEXANONE	--	8.75 U [MDL=2.19]	2590 U [MDL=500]
4-CHLOROTOLUENE	--	2.19 U [MDL=0.437]	259 U [MDL=100]
4-ISOPROPYLTOLUENE	--	2.2 U [MDL=0.5]	165 J [MDL=100]
4-METHYL-2-PENTANONE	--	8.7 U [MDL=1]	1040 U [MDL=300]
ACETONE	--	27.2 J [MDL=3]	2590 UR [MDL=500]
BENZENE	--	2.19 U [MDL=0.437]	259 U [MDL=50]
BROMOBENZENE	--	2.2 U [MDL=0.7]	259 U [MDL=100]
BROMOCHLOROMETHANE	--	2.2 U [MDL=0.8]	259 U [MDL=100]
BROMODICHLOROMETHANE	--	2.2 U [MDL=0.5]	259 U [MDL=100]
BROMOFORM	--	2.2 U [MDL=0.9]	259 U [MDL=100]
BROMOMETHANE	--	2.2 U [MDL=0.9]	259 U [MDL=100]
CARBON DISULFIDE	--	0.72 J [MDL=0.5]	259 U [MDL=80]
CARBON TETRACHLORIDE	--	2.2 U [MDL=0.4]	259 U [MDL=80]
CHLOROBENZENE	--	2.2 U [MDL=0.7]	259 U [MDL=80]
CHLORODIBROMOMETHANE	--	2.2 U [MDL=0.3]	259 U [MDL=80]
CHLOROETHANE	--	2.2 U [MDL=0.8]	259 U [MDL=100]
CHLOROFORM	--	2.2 U [MDL=0.5]	259 U [MDL=80]
CHLOROMETHANE	--	2.2 U [MDL=0.9]	259 U [MDL=80]
CIS-1,2-DICHLOROETHENE	--	2.2 U [MDL=0.5]	259 U [MDL=80]
CIS-1,3-DICHLOROPROPENE	--	2.2 U [MDL=0.5]	259 U [MDL=50]
DIBROMOMETHANE	--	2.2 U [MDL=0.7]	259 U [MDL=100]
DICHLORODIFLUOROMETHANE	--	2.2 U [MDL=0.7]	259 U [MDL=100]
DIISOPROPYL ETHER	--	2.2 U [MDL=0.4]	259 U [MDL=50]
ETHYL TERT-BUTYL ETHER	--	2.2 U [MDL=0.3]	259 U [MDL=80]
ETHYLBENZENE	--	2.2 U [MDL=0.3]	394 [MDL=80]
FLUORODICHLOROMETHANE	--	2.2 U [MDL=0.8]	259 U [MDL=100]
HEXACHLOROBUTADIENE	--	2.2 U [MDL=0.8]	777 U [MDL=500]
ISOPROPYLBENZENE	--	2.2 U [MDL=0.5]	83.1 J [MDL=50]
M+P-XYLENES	--	4.4 U [MDL=0.8]	270 J [MDL=200]
METHYL TERT-BUTYL ETHER	--	2.2 U [MDL=0.4]	259 U [MDL=50]
METHYLENE CHLORIDE	--	3.3 J [MDL=2]	147 J [MDL=100]
NAPHTHALENE	--	2.2 U [MDL=0.5]	159000 [MDL=2000]
N-BUTYLBENZENE	--	2.2 U [MDL=0.7]	125 J [MDL=100]
N-PROPYLBENZENE	--	2.2 U [MDL=0.4]	259 U [MDL=100]
O-XYLENE	--	2.2 U [MDL=0.4]	186 J [MDL=80]
SEC-BUTYLBENZENE	--	2.2 U [MDL=0.4]	259 U [MDL=80]
STYRENE	--	2.2 U [MDL=0.4]	259 U [MDL=80]
TERT-AMYL METHYL ETHER	--	2.2 U [MDL=0.4]	259 U [MDL=50]

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LOCATION SAMPLE ID SAMPLE DATE	SB-237 SB-237-SS 5/9/2005	SB-238 SB-238-01 5/17/2005	SB-238 SB-238-05 5/17/2005
TERT-BUTYLBENZENE	--	2.2 U [MDL=0.7]	518 U [MDL=200]
TERTIARY-BUTYL ALCOHOL	--	9 U [MDL=2]	3890 U [MDL=1000]
TETRACHLOROETHENE	--	2.2 U [MDL=0.5]	259 U [MDL=80]
TOLUENE	--	1.9 J [MDL=0.9]	259 U [MDL=80]
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	6.6 U [MDL=1]	456 J [MDL=200]
TRANS-1,2-DICHLOROETHENE	--	2.2 U [MDL=0.7]	259 U [MDL=80]
TRANS-1,3-DICHLOROPROPENE	--	2.2 U [MDL=0.8]	259 U [MDL=80]
TRICHLOROETHENE	--	2.2 U [MDL=0.5]	259 U [MDL=80]
TRICHLOROFLUOROMETHANE	--	2.2 U [MDL=0.4]	259 U [MDL=100]
VINYL ACETATE	--	2.2 U [MDL=0.4]	518 U [MDL=100]
VINYL CHLORIDE	--	2.2 U [MDL=0.5]	259 UJ [MDL=80]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	83.7 U [MDL=26.3]	3420 [MDL=26.7]
2-METHYLNAPHTHALENE	--	84 U [MDL=30]	6900 [MDL=300]
ACENAPHTHENE	--	84 U [MDL=30]	6960 [MDL=300]
ACENAPHTHYLENE	--	84 U [MDL=30]	69 J [MDL=30]
ANTHRACENE	--	84 U [MDL=20]	2510 [MDL=20]
BAP EQUIVALENT-HALFND	--	140.162 [MDL=30]	2962.9 [MDL=30]
BAP EQUIVALENT-POS	--	98.162 [MDL=30]	2962.9 [MDL=30]
BAP EQUIVALENT-UCL	--	137.587452 [MDL=30]	2962.9 [MDL=30]
BENZO(A)ANTHRACENE	--	75 J [MDL=20]	2700 [MDL=20]
BENZO(A)PYRENE	--	74 J [MDL=30]	1960 [MDL=30]
BENZO(B)FLUORANTHENE	--	90 [MDL=30]	2080 [MDL=30]
BENZO(G,H,I)PERYLENE	--	75 J [MDL=40]	1240 J [MDL=40]
BENZO(K)FLUORANTHENE	--	87 [MDL=30]	2010 [MDL=30]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-237 SB-237-SS 5/9/2005	SB-238 SB-238-01 5/17/2005	SB-238 SB-238-05 5/17/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	92 [MDL=20]	1800 [MDL=20]
DIBENZO(A,H)ANTHRACENE	--	84 U [MDL=30]	392 J [MDL=30]
FLUORANTHENE	--	142 [MDL=30]	10000 [MDL=300]
FLUORENE	--	84 U [MDL=20]	6330 [MDL=200]
INDENO(1,2,3-CD)PYRENE	--	67 J [MDL=40]	1110 J [MDL=40]
NAPHTHALENE	--	84 U [MDL=30]	31000 [MDL=2000]
PHENANTHRENE	--	58 J [MDL=20]	18600 [MDL=200]
PYRENE	--	120 [MDL=20]	7570 [MDL=200]
TOTAL PAHS	--	880 [MDL=30]	103231 [MDL=30]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	39 U [MDL=0.01]	39 U [MDL=0.01]
AROCLOR-1221	--	39 U [MDL=0.007]	39 U [MDL=0.007]
AROCLOR-1232	--	39 U [MDL=0.01]	39 U [MDL=0.01]
AROCLOR-1242	--	39 U [MDL=0.007]	39 U [MDL=0.007]
AROCLOR-1248	--	39 U [MDL=0.01]	39 U [MDL=0.009]
AROCLOR-1254	--	39 U [MDL=0.01]	39 U [MDL=0.009]
AROCLOR-1260	--	39 U [MDL=0.007]	39 U [MDL=0.007]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION	SB-237	SB-238	SB-238
SAMPLE ID	SB-237-SS	SB-238-01	SB-238-05
SAMPLE DATE	5/9/2005	5/17/2005	5/17/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	0 U [MDL=0.01]	0 U [MDL=0.01]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	55700 [MDL=0.6]	881000 [MDL=10]
GASOLINE RANGE ORGANICS	--	10300 U [MDL=3000]	21200 [MDL=4000]
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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LOCATION	SB-238	SB-250	SB-250
SAMPLE ID	SB-238-SS	SB-250-02	SB-250-SS
SAMPLE DATE	5/17/2005	5/9/2005	5/9/2005
METALS (MG/KG)			
ANTIMONY	1.0 L [MDL=0.3]	0.6 L [MDL=0.3]	0.8 L [MDL=0.3]
ARSENIC	3.0 [MDL=0.7]	3 B [MDL=0.7]	1 B [MDL=0.6]
BARIUM	86.0 [MDL=0.3]	30 [MDL=0.3]	37 [MDL=0.3]
BERYLLIUM	1.3 [MDL=0.04]	1 [MDL=0.05]	0.7 [MDL=0.04]
CADMIUM	2.0 [MDL=0.06]	0.2 B [MDL=0.06]	0.2 B [MDL=0.05]
CHROMIUM	36.4 [MDL=0.2]	15.5 [MDL=0.2]	11.8 [MDL=0.2]
COBALT	6.4 [MDL=0.09]	2.8 [MDL=0.09]	5.8 [MDL=0.08]
COPPER	23.0 [MDL=0.3]	10 [MDL=0.3]	6 [MDL=0.3]
LEAD	148 [MDL=0.3]	5 B [MDL=0.3]	17 [MDL=0.3]
MERCURY	0.24 [--]	0.03 [--]	0.04 [--]
MOLYBDENUM	1.0 B [MDL=0.6]	0.6 B [MDL=0.6]	0.5 B [MDL=0.5]
NICKEL	21.0 [MDL=0.1]	6 B [MDL=0.1]	8 [MDL=0.1]
SELENIUM	2.0 U [MDL=2]	2 U [MDL=2]	2 [MDL=2]
SILVER	0.06 U [MDL=0.06]	0.06 U [MDL=0.06]	0.05 B [MDL=0.05]
THALLIUM	1.0 U [MDL=1]	1 U [MDL=1]	1 U [MDL=1]
VANADIUM	49.0 [MDL=0.2]	27.2 [MDL=0.2]	20.5 [MDL=0.2]
ZINC	167 [MDL=0.2]	25 [MDL=0.2]	32 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	0.49 [MDL=0.3]	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	191 U [MDL=60]	--	--
1,2-DICHLOROBENZENE	191 U [MDL=30]	--	--
1,3-DICHLOROBENZENE	191 U [MDL=20]	--	--
1,4-DICHLOROBENZENE	191 U [MDL=20]	--	--
1,4-DIOXANE	371 U [MDL=75.2]	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	112 U [MDL=40]	--	--
2,4,5-TRICHLOROPHENOL	382 UJ [MDL=30]	--	--
2,4,6-TRICHLOROPHENOL	382 UJ [MDL=40]	--	--
2,4-DICHLOROPHENOL	382 U [MDL=30]	--	--
2,4-DIMETHYLPHENOL	382 U [MDL=40]	--	--
2,4-DINITROPHENOL	562 UJ [MDL=60]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-238 SB-238-SS 5/17/2005	SB-250 SB-250-02 5/9/2005	SB-250 SB-250-SS 5/9/2005
2,4-DINITROTOLUENE	79 UJ [MDL=20]	--	--
2,6-DINITROTOLUENE	79 UJ [MDL=30]	--	--
2-CHLORONAPHTHALENE	191 UJ [MDL=20]	--	--
2-CHLOROPHENOL	382 U [MDL=20]	--	--
2-METHYLPHENOL	382 U [MDL=30]	--	--
2-NITROANILINE	191 UJ [MDL=60]	--	--
2-NITROPHENOL	382 U [MDL=30]	--	--
3&4-METHYLPHENOL	752 U [MDL=30]	--	--
3,3'-DICHLOROBENZIDINE	191 UJ [MDL=80]	--	--
3-NITROANILINE	382 UJ [MDL=60]	--	--
4,6-DINITRO-2-METHYLPHENOL	382 U [MDL=10]	--	--
4-BROMOPHENYL PHENYL ETHER	112 U [MDL=40]	--	--
4-CHLORO-3-METHYLPHENOL	382 U [MDL=30]	--	--
4-CHLOROANILINE	382 U [MDL=50]	--	--
4-CHLOROPHENYL PHENYL ETHER	191 UJ [MDL=20]	--	--
4-NITROANILINE	112 UJ [MDL=50]	--	--
4-NITROPHENOL	382 UJ [MDL=40]	--	--
ACETOPHENONE	--	--	--
ANILINE	382 U [MDL=50.5]	--	--
ATRAZINE	--	--	--
AZOBENZENE	191 U [MDL=21.3]	--	--
BENZIDINE	752 UR [MDL=236]	--	--
BENZOIC ACID	752 U [MDL=32.6]	--	--
BENZYL ALCOHOL	382 U [MDL=31.4]	--	--
BIS(2-CHLOROETHOXY)METHANE	112 U [MDL=40]	--	--
BIS(2-CHLOROETHYL)ETHER	112 U [MDL=30]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	79 UJ [MDL=30]	--	--
BUTYL BENZYL PHTHALATE	191 UJ [MDL=20]	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	40 J [MDL=20]	--	--
DIBENZOFURAN	112 UJ [MDL=20]	--	--
DIETHYL PHTHALATE	382 UJ [MDL=20]	--	--
DIMETHYL PHTHALATE	382 UJ [MDL=20]	--	--
DI-N-BUTYL PHTHALATE	191 U [MDL=30]	--	--
DI-N-OCTYL PHTHALATE	191 UJ [MDL=20]	--	--
HEXACHLOROBENZENE	79 U [MDL=20]	--	--
HEXACHLOROBUTADIENE	191 U [MDL=40]	--	--
HEXACHLOROCYCLOPENTADIENE	382 UJ [MDL=30]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-238 SB-238-SS 5/17/2005	SB-250 SB-250-02 5/9/2005	SB-250 SB-250-SS 5/9/2005
HEXACHLOROETHANE	191 U [MDL=30]	--	--
ISOPHORONE	112 U [MDL=30]	--	--
NITROBENZENE	191 U [MDL=60]	--	--
N-NITROSODIMETHYLAMINE	112 U [MDL=42.7]	--	--
N-NITROSO-DI-N-PROPYLAMINE	112 U [MDL=30]	--	--
N-NITROSODIPHENYLAMINE	112 U [MDL=20]	--	--
PENTACHLOROPHENOL	943 U [MDL=50]	--	--
PHENOL	382 U [MDL=40]	--	--
PYRIDINE	382 U [MDL=47.2]	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	2.6 U [MDL=0.6]	--	--
1,1,1-TRICHLOROETHANE	2.6 U [MDL=0.4]	--	--
1,1,2,2-TETRACHLOROETHANE	2.6 U [MDL=0.9]	--	--
1,1,2-TRICHLOROETHANE	2.6 U [MDL=0.6]	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	2.6 U [MDL=0.5]	--	--
1,1-DICHLOROETHANE	2.6 U [MDL=0.5]	--	--
1,1-DICHLOROETHENE	2.6 U [MDL=0.5]	--	--
1,1-DICHLOROPROPENE	2.6 U [MDL=0.5]	--	--
1,2,3-TRICHLOROBENZENE	2.6 U [MDL=0.8]	--	--
1,2,3-TRICHLOROPROPANE	2.6 U [MDL=1]	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	2.6 U [MDL=1]	--	--
1,2,4-TRIMETHYLBENZENE	2.6 U [MDL=0.6]	--	--
1,2-DIBROMO-3-CHLOROPROPANE	5.2 U [MDL=3]	--	--
1,2-DIBROMOETHANE	2.6 U [MDL=0.5]	--	--
1,2-DICHLOROBENZENE	2.6 U [MDL=0.8]	--	--
1,2-DICHLOROETHANE	2.6 U [MDL=0.8]	--	--
1,2-DICHLOROPROPANE	2.6 U [MDL=0.6]	--	--
1,3,5-TRIMETHYLBENZENE	2.59 U [MDL=0.906]	--	--
1,3-DICHLOROBENZENE	2.6 U [MDL=0.6]	--	--
1,3-DICHLOROPROPANE	2.6 U [MDL=0.5]	--	--
1,3-DICHLOROPROPENE	5.18 U [MDL=2.59]	--	--
1,4-DICHLOROBENZENE	2.6 U [MDL=0.8]	--	--
1,4-DIOXANE	129 UR [MDL=40]	--	--
2,2-DICHLOROPROPANE	2.6 U [MDL=0.6]	--	--
2-BUTANONE	3.14 J [MDL=2.59]	--	--
2-CHLOROETHYL VINYL ETHER	2.6 UR [MDL=0.1]	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-238 SB-238-SS 5/17/2005	SB-250 SB-250-02 5/9/2005	SB-250 SB-250-SS 5/9/2005
2-HEXANONE	10.4 U [MDL=2.59]	--	--
4-CHLOROTOLUENE	2.59 U [MDL=0.518]	--	--
4-ISOPROPYLTOLUENE	2.6 U [MDL=0.6]	--	--
4-METHYL-2-PENTANONE	10.4 U [MDL=1]	--	--
ACETONE	31 J [MDL=4]	--	--
BENZENE	2.59 U [MDL=0.518]	--	--
BROMOBENZENE	2.6 U [MDL=0.8]	--	--
BROMOCHLOROMETHANE	2.6 U [MDL=0.9]	--	--
BROMODICHLOROMETHANE	2.6 U [MDL=0.6]	--	--
BROMOFORM	2.6 U [MDL=1]	--	--
BROMOMETHANE	2.6 U [MDL=1]	--	--
CARBON DISULFIDE	7.1 [MDL=0.6]	--	--
CARBON TETRACHLORIDE	2.6 U [MDL=0.5]	--	--
CHLOROBENZENE	2.6 U [MDL=0.8]	--	--
CHLORODIBROMOMETHANE	2.6 U [MDL=0.4]	--	--
CHLOROETHANE	2.6 U [MDL=0.9]	--	--
CHLOROFORM	2.6 U [MDL=0.6]	--	--
CHLOROMETHANE	2.6 U [MDL=1]	--	--
CIS-1,2-DICHLOROETHENE	2.6 U [MDL=0.6]	--	--
CIS-1,3-DICHLOROPROPENE	2.6 U [MDL=0.6]	--	--
DIBROMOMETHANE	2.6 U [MDL=0.8]	--	--
DICHLORODIFLUOROMETHANE	2.6 U [MDL=0.8]	--	--
DIISOPROPYL ETHER	2.6 U [MDL=0.5]	--	--
ETHYL TERT-BUTYL ETHER	2.6 U [MDL=0.4]	--	--
ETHYLBENZENE	2.6 U [MDL=0.4]	--	--
FLUORODICHLOROMETHANE	2.6 U [MDL=0.9]	--	--
HEXACHLOROBUTADIENE	2.6 U [MDL=0.9]	--	--
ISOPROPYLBENZENE	2.6 U [MDL=0.6]	--	--
M+P-XYLENES	5.2 U [MDL=0.9]	--	--
METHYL TERT-BUTYL ETHER	2.6 U [MDL=0.5]	--	--
METHYLENE CHLORIDE	5.2 U [MDL=3]	--	--
NAPHTHALENE	2.6 U [MDL=0.6]	--	--
N-BUTYLBENZENE	2.6 U [MDL=0.8]	--	--
N-PROPYLBENZENE	2.6 U [MDL=0.5]	--	--
O-XYLENE	2.6 U [MDL=0.5]	--	--
SEC-BUTYLBENZENE	2.6 U [MDL=0.5]	--	--
STYRENE	2.6 U [MDL=0.5]	--	--
TERT-AMYL METHYL ETHER	2.6 U [MDL=0.5]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-238 SB-238-SS 5/17/2005	SB-250 SB-250-02 5/9/2005	SB-250 SB-250-SS 5/9/2005
TERT-BUTYLBENZENE	2.6 U [MDL=0.8]	--	--
TERTIARY-BUTYL ALCOHOL	10 U [MDL=3]	--	--
TETRACHLOROETHENE	2.6 U [MDL=0.6]	--	--
TOLUENE	1.2 J [MDL=1]	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	7.8 U [MDL=1]	--	--
TRANS-1,2-DICHLOROETHENE	2.6 U [MDL=0.8]	--	--
TRANS-1,3-DICHLOROPROPENE	2.6 U [MDL=0.9]	--	--
TRICHLOROETHENE	2.6 U [MDL=0.6]	--	--
TRICHLOROFLUOROMETHANE	2.6 U [MDL=0.5]	--	--
VINYL ACETATE	2.6 U [MDL=0.5]	--	--
VINYL CHLORIDE	2.6 U [MDL=0.6]	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	78.6 U [MDL=24.7]	--	--
2-METHYLNAPHTHALENE	79 U [MDL=30]	--	--
ACENAPHTHENE	79 UJ [MDL=30]	--	--
ACENAPHTHYLENE	79 UJ [MDL=30]	--	--
ANTHRACENE	54 J [MDL=20]	--	--
BAP EQUIVALENT-HALFND	424.437 [MDL=30]	--	--
BAP EQUIVALENT-POS	424.437 [MDL=30]	--	--
BAP EQUIVALENT-UCL	424.437 [MDL=30]	--	--
BENZO(A)ANTHRACENE	241 J [MDL=20]	--	--
BENZO(A)PYRENE	245 J [MDL=30]	--	--
BENZO(B)FLUORANTHENE	254 J [MDL=30]	--	--
BENZO(G,H,I)PERYLENE	344 J [MDL=40]	--	--
BENZO(K)FLUORANTHENE	225 J [MDL=20]	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-238 SB-238-SS 5/17/2005	SB-250 SB-250-02 5/9/2005	SB-250 SB-250-SS 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	287 J [MDL=20]	--	--
DIBENZO(A,H)ANTHRACENE	100 J [MDL=30]	--	--
FLUORANTHENE	546 [MDL=30]	--	--
FLUORENE	79 UJ [MDL=20]	--	--
INDENO(1,2,3-CD)PYRENE	274 J [MDL=30]	--	--
NAPHTHALENE	79 U [MDL=30]	--	--
PHENANTHRENE	249 [MDL=20]	--	--
PYRENE	685 J [MDL=20]	--	--
TOTAL PAHS	3504 [MDL=30]	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	37 U [MDL=0.01]	--	--
AROCLOR-1221	37 U [MDL=0.007]	--	--
AROCLOR-1232	37 U [MDL=0.01]	--	--
AROCLOR-1242	37 U [MDL=0.007]	--	--
AROCLOR-1248	37 U [MDL=0.009]	--	--
AROCLOR-1254	37 U [MDL=0.009]	--	--
AROCLOR-1260	154 [MDL=0.007]	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION	SB-238	SB-250	SB-250
SAMPLE ID	SB-238-SS	SB-250-02	SB-250-SS
SAMPLE DATE	5/17/2005	5/9/2005	5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	154 [MDL=0.01]	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	271000 [MDL=6]	--	--
GASOLINE RANGE ORGANICS	13.1 U [MDL=4000]	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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LOCATION	SB-251	SB-251	SB-252
SAMPLE ID	SB-251-02	SB-251-SS	SB-252-02
SAMPLE DATE	5/9/2005	5/9/2005	5/9/2005
METALS (MG/KG)			
ANTIMONY	0.9 L [MDL=0.3]	1 L [MDL=0.3]	0.8 L [MDL=0.3]
ARSENIC	5 [MDL=0.6]	3 B [MDL=0.7]	4 [MDL=0.6]
BARIUM	40 [MDL=0.3]	40 [MDL=0.3]	27 [MDL=0.3]
BERYLLIUM	1 [MDL=0.04]	0.7 [MDL=0.05]	0.5 [MDL=0.04]
CADMIUM	0.1 B [MDL=0.05]	0.2 B [MDL=0.06]	0.2 B [MDL=0.05]
CHROMIUM	20.8 [MDL=0.2]	15.8 [MDL=0.2]	15.6 [MDL=0.2]
COBALT	7.1 [MDL=0.09]	5.9 [MDL=0.09]	3.5 [MDL=0.08]
COPPER	10 [MDL=0.3]	6 [MDL=0.3]	7 [MDL=0.3]
LEAD	7 B [MDL=0.3]	7 B [MDL=0.3]	6 B [MDL=0.3]
MERCURY	0.01 [--]	0.02 [--]	0.04 [--]
MOLYBDENUM	0.5 B [MDL=0.5]	0.6 U [MDL=0.6]	0.7 B [MDL=0.5]
NICKEL	9 [MDL=0.1]	9 B [MDL=0.1]	6 B [MDL=0.1]
SELENIUM	3 [MDL=2]	2 U [MDL=2]	2 U [MDL=2]
SILVER	0.05 U [MDL=0.05]	0.06 U [MDL=0.06]	0.05 U [MDL=0.05]
THALLIUM	1 U [MDL=1]	1 U [MDL=1]	1 U [MDL=1]
VANADIUM	35.6 [MDL=0.2]	24.8 [MDL=0.2]	27.9 [MDL=0.2]
ZINC	34 [MDL=0.2]	29 [MDL=0.2]	24 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-251 SB-251-02 5/9/2005	SB-251 SB-251-SS 5/9/2005	SB-252 SB-252-02 5/9/2005
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-251 SB-251-02 5/9/2005	SB-251 SB-251-SS 5/9/2005	SB-252 SB-252-02 5/9/2005
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-251 SB-251-02 5/9/2005	SB-251 SB-251-SS 5/9/2005	SB-252 SB-252-02 5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-251 SB-251-02 5/9/2005	SB-251 SB-251-SS 5/9/2005	SB-252 SB-252-02 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	--	--	--
BAP EQUIVALENT-POS	--	--	--
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	--	--	--
BENZO(A)PYRENE	--	--	--
BENZO(B)FLUORANTHENE	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-251 SB-251-02 5/9/2005	SB-251 SB-251-SS 5/9/2005	SB-252 SB-252-02 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	--	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-251	SB-251	SB-252
SAMPLE ID	SB-251-02	SB-251-SS	SB-252-02
SAMPLE DATE	5/9/2005	5/9/2005	5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-252	SB-253	SB-253
SAMPLE ID	SB-252-SS	SB-253-02	SB-253-SS
SAMPLE DATE	5/9/2005	5/9/2005	5/9/2005
METALS (MG/KG)			
ANTIMONY	0.7 L [MDL=0.3]	0.9 L [MDL=0.3]	1 L [MDL=0.3]
ARSENIC	2 B [MDL=0.5]	3 B [MDL=0.6]	3 B [MDL=0.6]
BARIUM	31 [MDL=0.3]	36 [MDL=0.3]	49 [MDL=0.3]
BERYLLIUM	0.6 [MDL=0.03]	0.7 [MDL=0.04]	0.6 [MDL=0.04]
CADMIUM	0.1 B [MDL=0.04]	0.09 B [MDL=0.05]	0.4 [MDL=0.05]
CHROMIUM	11.8 [MDL=0.2]	14 [MDL=0.2]	14.4 [MDL=0.2]
COBALT	3.6 [MDL=0.07]	4 [MDL=0.08]	4.9 [MDL=0.09]
COPPER	4 [MDL=0.3]	5 [MDL=0.3]	9 [MDL=0.3]
LEAD	10 [MDL=0.3]	5 B [MDL=0.3]	31 [MDL=0.3]
MERCURY	0.04 [--]	0.03 [--]	0.07 [--]
MOLYBDENUM	0.4 U [MDL=0.4]	0.5 B [MDL=0.5]	0.5 U [MDL=0.5]
NICKEL	6 B [MDL=0.08]	5 B [MDL=0.09]	8 B [MDL=0.1]
SELENIUM	2 U [MDL=2]	3 [MDL=2]	2 U [MDL=2]
SILVER	0.04 U [MDL=0.04]	0.2 B [MDL=0.05]	0.2 B [MDL=0.05]
THALLIUM	0.8 U [MDL=0.8]	0.9 U [MDL=0.9]	1 U [MDL=1]
VANADIUM	20.3 [MDL=0.2]	25.5 [MDL=0.2]	29.5 [MDL=0.2]
ZINC	25 [MDL=0.2]	20 [MDL=0.2]	39 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-252 SB-252-SS 5/9/2005	SB-253 SB-253-02 5/9/2005	SB-253 SB-253-SS 5/9/2005
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-252 SB-252-SS 5/9/2005	SB-253 SB-253-02 5/9/2005	SB-253 SB-253-SS 5/9/2005
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION	SB-252	SB-253	SB-253
SAMPLE ID	SB-252-SS	SB-253-02	SB-253-SS
SAMPLE DATE	5/9/2005	5/9/2005	5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-252 SB-252-SS 5/9/2005	SB-253 SB-253-02 5/9/2005	SB-253 SB-253-SS 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	--	--	--
BAP EQUIVALENT-POS	--	--	--
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	--	--	--
BENZO(A)PYRENE	--	--	--
BENZO(B)FLUORANTHENE	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-252 SB-252-SS 5/9/2005	SB-253 SB-253-02 5/9/2005	SB-253 SB-253-SS 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	--	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-252	SB-253	SB-253
SAMPLE ID	SB-252-SS	SB-253-02	SB-253-SS
SAMPLE DATE	5/9/2005	5/9/2005	5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 SB-265-02 5/9/2005	SB-265 SB-265-SS 5/9/2005	SB-265 F-SB-265RE-3 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	0.50 [MDL=0.3]	--
ARSENIC	--	5.0 [MDL=0.6]	--
BARIUM	--	29.0 [MDL=0.3]	--
BERYLLIUM	--	1.3 [MDL=0.04]	--
CADMIUM	--	0.80 [MDL=0.05]	--
CHROMIUM	--	55.8 [MDL=0.2]	--
COBALT	--	8.9 [MDL=0.08]	--
COPPER	--	17.0 [MDL=0.3]	--
LEAD	--	20.0 [MDL=0.3]	--
MERCURY	--	0.09 [--]	--
MOLYBDENUM	--	2.0 B [MDL=0.5]	--
NICKEL	--	20.0 [MDL=0.1]	--
SELENIUM	--	2.0 U [MDL=2]	--
SILVER	--	1.1 [MDL=0.05]	--
THALLIUM	--	1.0 U [MDL=1]	--
VANADIUM	--	46.2 [MDL=0.2]	--
ZINC	--	50.0 [MDL=0.2]	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	3.6 [MDL=0.3]	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	8.4 [--]	8.3 [--]	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	188 U [MDL=60]	184 U [MDL=50]	--
1,2-DICHLOROBENZENE	188 U [MDL=30]	184 U [MDL=30]	--
1,3-DICHLOROBENZENE	188 U [MDL=20]	184 U [MDL=20]	--
1,4-DICHLOROBENZENE	188 U [MDL=20]	184 U [MDL=20]	--
1,4-DIOXANE	364 U [MDL=74]	358 U [MDL=72.7]	--
2,2'-OXYBIS(1-CHLOROPROPANE)	110 U [MDL=40]	109 U [MDL=40]	--
2,4,5-TRICHLOROPHENOL	375 U [MDL=30]	369 U [MDL=30]	--
2,4,6-TRICHLOROPHENOL	375 U [MDL=40]	369 U [MDL=30]	--
2,4-DICHLOROPHENOL	375 U [MDL=30]	369 U [MDL=20]	--
2,4-DIMETHYLPHENOL	375 U [MDL=40]	369 U [MDL=40]	--
2,4-DINITROPHENOL	552 U [MDL=60]	543 U [MDL=50]	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 SB-265-02 5/9/2005	SB-265 SB-265-SS 5/9/2005	SB-265 F-SB-265RE-3 9/21/2009
2,4-DINITROTOLUENE	77 U [MDL=20]	76 U [MDL=20]	--
2,6-DINITROTOLUENE	77 U [MDL=30]	76 U [MDL=30]	--
2-CHLORONAPHTHALENE	188 U [MDL=20]	184 U [MDL=20]	--
2-CHLOROPHENOL	375 U [MDL=20]	369 U [MDL=20]	--
2-METHYLPHENOL	375 U [MDL=30]	369 U [MDL=30]	--
2-NITROANILINE	188 U [MDL=60]	184 U [MDL=60]	--
2-NITROPHENOL	375 U [MDL=30]	369 U [MDL=30]	--
3&4-METHYLPHENOL	740 U [MDL=30]	727 U [MDL=30]	--
3,3'-DICHLOROBENZIDINE	188 U [MDL=80]	184 U [MDL=70]	--
3-NITROANILINE	375 U [MDL=60]	369 U [MDL=60]	--
4,6-DINITRO-2-METHYLPHENOL	375 U [MDL=10]	369 U [MDL=10]	--
4-BROMOPHENYL PHENYL ETHER	110 U [MDL=40]	109 U [MDL=40]	--
4-CHLORO-3-METHYLPHENOL	375 U [MDL=30]	369 U [MDL=30]	--
4-CHLOROANILINE	375 U [MDL=50]	369 U [MDL=50]	--
4-CHLOROPHENYL PHENYL ETHER	188 U [MDL=20]	184 U [MDL=20]	--
4-NITROANILINE	110 U [MDL=50]	109 U [MDL=50]	--
4-NITROPHENOL	375 U [MDL=40]	369 U [MDL=40]	--
ACETOPHENONE	--	--	--
ANILINE	375 U [MDL=49.7]	369 U [MDL=48.8]	--
ATRAZINE	--	--	--
AZOBENZENE	188 U [MDL=21]	184 U [MDL=20.6]	--
BENZIDINE	740 U [MDL=232]	727 U [MDL=228]	--
BENZOIC ACID	740 U [MDL=32]	152 J [MDL=31.5]	--
BENZYL ALCOHOL	375 U [MDL=30.9]	369 U [MDL=30.4]	--
BIS(2-CHLOROETHOXY)METHANE	110 U [MDL=40]	109 U [MDL=40]	--
BIS(2-CHLOROETHYL)ETHER	110 U [MDL=30]	109 U [MDL=30]	--
BIS(2-ETHYLHEXYL)PHTHALATE	77 U [MDL=30]	40 J [MDL=30]	--
BUTYL BENZYL PHTHALATE	188 U [MDL=20]	25 J [MDL=20]	--
CAPROLACTAM	--	--	--
CARBAZOLE	43 J [MDL=20]	242 [MDL=20]	--
DIBENZOFURAN	110 U [MDL=20]	86 J [MDL=20]	--
DIETHYL PHTHALATE	375 U [MDL=20]	369 U [MDL=20]	--
DIMETHYL PHTHALATE	375 U [MDL=20]	369 U [MDL=20]	--
DI-N-BUTYL PHTHALATE	32 J [MDL=30]	37 J [MDL=30]	--
DI-N-OCTYL PHTHALATE	188 U [MDL=20]	184 U [MDL=20]	--
HEXACHLOROBENZENE	77 U [MDL=20]	76 U [MDL=20]	--
HEXACHLOROBUTADIENE	188 U [MDL=40]	184 U [MDL=40]	--
HEXACHLOROCYCLOPENTADIENE	375 U [MDL=30]	369 U [MDL=20]	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-265	SB-265	SB-265
SAMPLE ID	SB-265-02	SB-265-SS	F-SB-265RE-3
SAMPLE DATE	5/9/2005	5/9/2005	9/21/2009
HEXACHLOROETHANE	188 U [MDL=30]	184 U [MDL=30]	--
ISOPHORONE	110 U [MDL=30]	109 U [MDL=30]	--
NITROBENZENE	188 U [MDL=60]	184 U [MDL=60]	--
N-NITROSODIMETHYLAMINE	110 U [MDL=42]	109 U [MDL=41.2]	--
N-NITROSO-DI-N-PROPYLAMINE	110 U [MDL=30]	109 U [MDL=30]	--
N-NITROSODIPHENYLAMINE	110 U [MDL=20]	109 U [MDL=20]	--
PENTACHLOROPHENOL	928 U [MDL=50]	911 U [MDL=40]	--
PHENOL	375 U [MDL=40]	369 U [MDL=40]	--
PYRIDINE	375 U [MDL=46.4]	369 U [MDL=45.6]	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 SB-265-02 5/9/2005	SB-265 SB-265-SS 5/9/2005	SB-265 F-SB-265RE-3 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 SB-265-02 5/9/2005	SB-265 SB-265-SS 5/9/2005	SB-265 F-SB-265RE-3 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	77.3 U [MDL=24.3]	76 U [MDL=23.9]	--
2-METHYLNAPHTHALENE	77 U [MDL=30]	76 U [MDL=30]	--
ACENAPHTHENE	77 U [MDL=30]	174 [MDL=30]	--
ACENAPHTHYLENE	77 U [MDL=30]	135 [MDL=30]	--
ANTHRACENE	109 [MDL=20]	870 [MDL=20]	--
BAP EQUIVALENT-HALFND	601.611 [MDL=30]	2544.69 [MDL=30]	36.368 [MDL=1.6]
BAP EQUIVALENT-POS	601.611 [MDL=30]	2544.69 [MDL=30]	35.568 [MDL=1.6]
BAP EQUIVALENT-UCL	601.611 [MDL=30]	2544.69 [MDL=30]	--
BENZO(A)ANTHRACENE	432 [MDL=20]	1980 [MDL=20]	24 [MDL=1.2]
BENZO(A)PYRENE	401 [MDL=30]	1800 [MDL=30]	26 [MDL=1.6]
BENZO(B)FLUORANTHENE	374 [MDL=30]	2300 [MDL=30]	41 [MDL=1.5]
BENZO(G,H,I)PERYLENE	260 J [MDL=40]	450 J [MDL=40]	--
BENZO(K)FLUORANTHENE	405 [MDL=20]	1910 [MDL=20]	14 [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 SB-265-02 5/9/2005	SB-265 SB-265-SS 5/9/2005	SB-265 F-SB-265RE-3 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	461 [MDL=20]	2090 [MDL=20]	28 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	86 [MDL=30]	232 [MDL=30]	1.600000 U [MDL=1.6]
FLUORANTHENE	802 [MDL=30]	4020 [MDL=30]	--
FLUORENE	32 J [MDL=20]	213 [MDL=20]	--
INDENO(1,2,3-CD)PYRENE	295 [MDL=30]	635 [MDL=30]	29 [MDL=1.9]
NAPHTHALENE	77 U [MDL=30]	36 J [MDL=30]	--
PHENANTHRENE	417 [MDL=20]	2740 [MDL=20]	--
PYRENE	637 [MDL=20]	2570 [MDL=20]	--
TOTAL PAHS	4711 [MDL=30]	22155 [MDL=30]	162 [MDL=1.6]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	36 U [MDL=0.01]	--
AROCLOR-1221	--	36 U [MDL=0.007]	--
AROCLOR-1232	--	36 U [MDL=0.01]	--
AROCLOR-1242	--	36 U [MDL=0.007]	--
AROCLOR-1248	--	36 U [MDL=0.009]	--
AROCLOR-1254	--	36 U [MDL=0.009]	--
AROCLOR-1260	--	119 [MDL=0.007]	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 SB-265-02 5/9/2005	SB-265 SB-265-SS 5/9/2005	SB-265 F-SB-265RE-3 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	119 [MDL=0.01]	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 F-SB-265RE-4 9/21/2009	SB-266 SB-266-02 5/9/2005	SB-266 SB-266-SS 5/9/2005
METALS (MG/KG)			
ANTIMONY	--	--	1.0 [MDL=0.3]
ARSENIC	--	--	3.0 B [MDL=0.6]
BARIUM	--	--	44.0 [MDL=0.3]
BERYLLIUM	--	--	0.80 [MDL=0.04]
CADMIUM	--	--	1.8 [MDL=0.05]
CHROMIUM	--	--	31.3 [MDL=0.2]
COBALT	--	--	8.5 [MDL=0.08]
COPPER	--	--	16.0 [MDL=0.3]
LEAD	--	--	43.0 [MDL=0.3]
MERCURY	--	--	0.51 [--]
MOLYBDENUM	--	--	0.60 B [MDL=0.5]
NICKEL	--	--	14.0 [MDL=0.1]
SELENIUM	--	--	3.0 [MDL=2]
SILVER	--	--	1.1 [MDL=0.05]
THALLIUM	--	--	1.0 U [MDL=1]
VANADIUM	--	--	33.4 [MDL=0.2]
ZINC	--	--	85.0 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	2.0 [MDL=0.3]
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	0.63 [MDL=0.018]
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	199 U [MDL=60]	188 U [MDL=60]
1,2-DICHLOROBENZENE	--	199 U [MDL=30]	188 U [MDL=30]
1,3-DICHLOROBENZENE	--	199 U [MDL=20]	188 U [MDL=20]
1,4-DICHLOROBENZENE	--	199 U [MDL=30]	188 U [MDL=20]
1,4-DIOXANE	--	386 U [MDL=78.4]	366 U [MDL=74.3]
2,2'-OXYBIS(1-CHLOROPROPANE)	--	117 U [MDL=40]	111 U [MDL=40]
2,4,5-TRICHLOROPHENOL	--	398 U [MDL=40]	377 U [MDL=30]
2,4,6-TRICHLOROPHENOL	--	398 U [MDL=40]	377 U [MDL=40]
2,4-DICHLOROPHENOL	--	398 U [MDL=30]	377 U [MDL=30]
2,4-DIMETHYLPHENOL	--	398 U [MDL=40]	377 U [MDL=40]
2,4-DINITROPHENOL	--	585 U [MDL=60]	554 U [MDL=60]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 F-SB-265RE-4 9/21/2009	SB-266 SB-266-02 5/9/2005	SB-266 SB-266-SS 5/9/2005
2,4-DINITROTOLUENE	--	82 U [MDL=20]	78 U [MDL=20]
2,6-DINITROTOLUENE	--	82 U [MDL=40]	78 U [MDL=30]
2-CHLORONAPHTHALENE	--	199 U [MDL=20]	188 U [MDL=20]
2-CHLOROPHENOL	--	398 U [MDL=20]	377 U [MDL=20]
2-METHYLPHENOL	--	398 U [MDL=40]	377 U [MDL=30]
2-NITROANILINE	--	199 U [MDL=70]	188 U [MDL=60]
2-NITROPHENOL	--	398 U [MDL=30]	377 U [MDL=30]
3&4-METHYLPHENOL	--	784 U [MDL=30]	743 U [MDL=30]
3,3'-DICHLOROBENZIDINE	--	199 U [MDL=80]	188 U [MDL=80]
3-NITROANILINE	--	398 U [MDL=70]	377 U [MDL=60]
4,6-DINITRO-2-METHYLPHENOL	--	398 U [MDL=10]	377 U [MDL=10]
4-BROMOPHENYL PHENYL ETHER	--	117 U [MDL=40]	111 U [MDL=40]
4-CHLORO-3-METHYLPHENOL	--	398 U [MDL=40]	377 U [MDL=30]
4-CHLOROANILINE	--	398 U [MDL=50]	377 U [MDL=50]
4-CHLOROPHENYL PHENYL ETHER	--	199 U [MDL=30]	188 U [MDL=20]
4-NITROANILINE	--	117 U [MDL=50]	111 U [MDL=50]
4-NITROPHENOL	--	398 U [MDL=40]	377 U [MDL=40]
ACETOPHENONE	--	--	--
ANILINE	--	398 U [MDL=52.7]	377 U [MDL=49.9]
ATRAZINE	--	--	--
AZOBENZENE	--	199 U [MDL=22.2]	188 U [MDL=21.1]
BENZIDINE	--	784 U [MDL=246]	743 U [MDL=233]
BENZOIC ACID	--	784 U [MDL=33.9]	157 J [MDL=32.1]
BENZYL ALCOHOL	--	398 U [MDL=32.8]	377 U [MDL=31]
BIS(2-CHLOROETHOXY)METHANE	--	117 U [MDL=40]	111 U [MDL=40]
BIS(2-CHLOROETHYL)ETHER	--	117 U [MDL=30]	111 U [MDL=30]
BIS(2-ETHYLHEXYL)PHTHALATE	--	82 U [MDL=30]	78 U [MDL=30]
BUTYL BENZYL PHTHALATE	--	199 U [MDL=20]	188 U [MDL=20]
CAPROLACTAM	--	--	--
CARBAZOLE	--	199 U [MDL=30]	158 J [MDL=20]
DIBENZOFURAN	--	117 U [MDL=20]	43 J [MDL=20]
DIETHYL PHTHALATE	--	398 U [MDL=20]	377 U [MDL=20]
DIMETHYL PHTHALATE	--	398 U [MDL=20]	377 U [MDL=20]
DI-N-BUTYL PHTHALATE	--	199 U [MDL=30]	38 J [MDL=30]
DI-N-OCTYL PHTHALATE	--	199 U [MDL=20]	188 U [MDL=20]
HEXACHLOROBENZENE	--	82 U [MDL=30]	78 U [MDL=20]
HEXACHLOROBUTADIENE	--	199 U [MDL=40]	188 U [MDL=40]
HEXACHLOROCYCLOPENTADIENE	--	398 U [MDL=30]	377 U [MDL=30]

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SOIL

LOCATION	SB-265	SB-266	SB-266
SAMPLE ID	F-SB-265RE-4	SB-266-02	SB-266-SS
SAMPLE DATE	9/21/2009	5/9/2005	5/9/2005
HEXACHLOROETHANE	--	199 U [MDL=30]	188 U [MDL=30]
ISOPHORONE	--	117 U [MDL=30]	111 U [MDL=30]
NITROBENZENE	--	199 U [MDL=60]	188 U [MDL=60]
N-NITROSODIMETHYLAMINE	--	117 U [MDL=44.5]	111 U [MDL=42.1]
N-NITROSO-DI-N-PROPYLAMINE	--	117 U [MDL=40]	111 U [MDL=30]
N-NITROSODIPHENYLAMINE	--	117 U [MDL=20]	111 U [MDL=20]
PENTACHLOROPHENOL	--	983 U [MDL=50]	931 U [MDL=50]
PHENOL	--	398 U [MDL=50]	377 U [MDL=40]
PYRIDINE	--	398 U [MDL=49.1]	377 U [MDL=46.5]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 F-SB-265RE-4 9/21/2009	SB-266 SB-266-02 5/9/2005	SB-266 SB-266-SS 5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-265 F-SB-265RE-4 9/21/2009	SB-266 SB-266-02 5/9/2005	SB-266 SB-266-SS 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	81.9 U [MDL=25.7]	77.6 U [MDL=24.4]
2-METHYLNAPHTHALENE	--	82 U [MDL=30]	78 U [MDL=30]
ACENAPHTHENE	--	82 U [MDL=30]	98 [MDL=30]
ACENAPHTHYLENE	--	82 U [MDL=30]	44 J [MDL=30]
ANTHRACENE	--	30 J [MDL=20]	291 [MDL=20]
BAP EQUIVALENT-HALFND	1.7 U [MDL=1.7]	192.445 [MDL=30]	1343.73 [MDL=30]
BAP EQUIVALENT-POS	1.7 U [MDL=1.7]	151.445 [MDL=30]	1343.73 [MDL=30]
BAP EQUIVALENT-UCL	--	218.614693 [MDL=30]	1343.73 [MDL=30]
BENZO(A)ANTHRACENE	1.200000 U [MDL=1.2]	121 [MDL=20]	947 [MDL=20]
BENZO(A)PYRENE	1.700000 U [MDL=1.7]	116 [MDL=30]	977 [MDL=30]
BENZO(B)FLUORANTHENE	1.500000 U [MDL=1.5]	129 [MDL=30]	1090 [MDL=30]
BENZO(G,H,I)PERYLENE	--	85 J [MDL=40]	253 J [MDL=40]
BENZO(K)FLUORANTHENE	2.200000 U [MDL=2.2]	111 [MDL=20]	1100 [MDL=20]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-265 F-SB-265RE-4 9/21/2009	SB-266 SB-266-02 5/9/2005	SB-266 SB-266-SS 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.100000 U [MDL=1.1]	135 [MDL=20]	1030 [MDL=20]
DIBENZO(A,H)ANTHRACENE	1.700000 U [MDL=1.7]	82 UJ [MDL=30]	117 [MDL=30]
FLUORANTHENE	--	245 [MDL=30]	1940 [MDL=30]
FLUORENE	--	82 U [MDL=20]	94 [MDL=20]
INDENO(1,2,3-CD)PYRENE	1.900000 U [MDL=1.9]	92 J [MDL=40]	340 [MDL=30]
NAPHTHALENE	--	82 U [MDL=30]	78 U [MDL=30]
PHENANTHRENE	--	127 [MDL=20]	1090 [MDL=20]
PYRENE	--	178 [MDL=20]	1380 [MDL=20]
TOTAL PAHS	0 U [MDL=1.7]	1369 [MDL=30]	10791 [MDL=30]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	36 U [MDL=0.01]
AROCLOR-1221	--	--	36 U [MDL=0.007]
AROCLOR-1232	--	--	36 U [MDL=0.01]
AROCLOR-1242	--	--	36 U [MDL=0.007]
AROCLOR-1248	--	--	36 U [MDL=0.009]
AROCLOR-1254	--	--	36 U [MDL=0.009]
AROCLOR-1260	--	--	756 [MDL=0.007]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-265 F-SB-265RE-4 9/21/2009	SB-266 SB-266-02 5/9/2005	SB-266 SB-266-SS 5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	756 [MDL=0.01]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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LOCATION	SB-266	SB-266	SB-267
SAMPLE ID	F-SB-266RE-3	F-SB-266RE-4	SB-267-02
SAMPLE DATE	9/21/2009	9/21/2009	5/9/2005
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	199 U [MDL=60]
1,2-DICHLOROBENZENE	--	--	199 U [MDL=30]
1,3-DICHLOROBENZENE	--	--	199 U [MDL=20]
1,4-DICHLOROBENZENE	--	--	199 U [MDL=30]
1,4-DIOXANE	--	--	387 U [MDL=78.5]
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	117 U [MDL=40]
2,4,5-TRICHLOROPHENOL	--	--	399 U [MDL=40]
2,4,6-TRICHLOROPHENOL	--	--	399 U [MDL=40]
2,4-DICHLOROPHENOL	--	--	399 U [MDL=30]
2,4-DIMETHYLPHENOL	--	--	399 U [MDL=40]
2,4-DINITROPHENOL	--	--	586 U [MDL=60]

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LOCATION SAMPLE ID SAMPLE DATE	SB-266 F-SB-266RE-3 9/21/2009	SB-266 F-SB-266RE-4 9/21/2009	SB-267 SB-267-02 5/9/2005
2,4-DINITROTOLUENE	--	--	82 U [MDL=20]
2,6-DINITROTOLUENE	--	--	82 U [MDL=40]
2-CHLORONAPHTHALENE	--	--	199 U [MDL=20]
2-CHLOROPHENOL	--	--	399 U [MDL=20]
2-METHYLPHENOL	--	--	399 U [MDL=40]
2-NITROANILINE	--	--	199 U [MDL=70]
2-NITROPHENOL	--	--	399 U [MDL=30]
3&4-METHYLPHENOL	--	--	785 U [MDL=30]
3,3'-DICHLOROBENZIDINE	--	--	199 U [MDL=80]
3-NITROANILINE	--	--	399 U [MDL=70]
4,6-DINITRO-2-METHYLPHENOL	--	--	399 U [MDL=10]
4-BROMOPHENYL PHENYL ETHER	--	--	117 U [MDL=40]
4-CHLORO-3-METHYLPHENOL	--	--	399 U [MDL=40]
4-CHLOROANILINE	--	--	399 U [MDL=50]
4-CHLOROPHENYL PHENYL ETHER	--	--	199 U [MDL=30]
4-NITROANILINE	--	--	117 U [MDL=50]
4-NITROPHENOL	--	--	399 U [MDL=40]
ACETOPHENONE	--	--	--
ANILINE	--	--	399 U [MDL=52.8]
ATRAZINE	--	--	--
AZOBENZENE	--	--	199 U [MDL=22.3]
BENZIDINE	--	--	785 U [MDL=246]
BENZOIC ACID	--	--	333 J [MDL=34]
BENZYL ALCOHOL	--	--	399 U [MDL=32.8]
BIS(2-CHLOROETHOXY)METHANE	--	--	117 U [MDL=40]
BIS(2-CHLOROETHYL)ETHER	--	--	117 U [MDL=30]
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	82 U [MDL=30]
BUTYL BENZYL PHTHALATE	--	--	199 U [MDL=20]
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	199 U [MDL=30]
DIBENZOFURAN	--	--	117 U [MDL=20]
DIETHYL PHTHALATE	--	--	399 U [MDL=20]
DIMETHYL PHTHALATE	--	--	399 U [MDL=20]
DI-N-BUTYL PHTHALATE	--	--	199 U [MDL=30]
DI-N-OCTYL PHTHALATE	--	--	199 U [MDL=20]
HEXACHLOROBENZENE	--	--	82 U [MDL=30]
HEXACHLOROBUTADIENE	--	--	199 U [MDL=40]
HEXACHLOROCYCLOPENTADIENE	--	--	399 U [MDL=30]

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LOCATION SAMPLE ID SAMPLE DATE	SB-266 F-SB-266RE-3 9/21/2009	SB-266 F-SB-266RE-4 9/21/2009	SB-267 SB-267-02 5/9/2005
HEXACHLOROETHANE	--	--	199 U [MDL=30]
ISOPHORONE	--	--	117 U [MDL=30]
NITROBENZENE	--	--	199 U [MDL=60]
N-NITROSODIMETHYLAMINE	--	--	117 U [MDL=44.5]
N-NITROSO-DI-N-PROPYLAMINE	--	--	117 U [MDL=40]
N-NITROSODIPHENYLAMINE	--	--	117 U [MDL=20]
PENTACHLOROPHENOL	--	--	985 U [MDL=50]
PHENOL	--	--	399 U [MDL=50]
PYRIDINE	--	--	399 U [MDL=49.2]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-266 F-SB-266RE-3 9/21/2009	SB-266 F-SB-266RE-4 9/21/2009	SB-267 SB-267-02 5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-266 F-SB-266RE-3 9/21/2009	SB-266 F-SB-266RE-4 9/21/2009	SB-267 SB-267-02 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	82.1 U [MDL=25.8]
2-METHYLNAPHTHALENE	--	--	82 U [MDL=30]
ACENAPHTHENE	--	--	82 U [MDL=30]
ACENAPHTHYLENE	--	--	82 U [MDL=30]
ANTHRACENE	--	--	82 U [MDL=20]
BAP EQUIVALENT-HALFND	2.52555 [MDL=1.5]	1.5 U [MDL=1.5]	144.582 [MDL=30]
BAP EQUIVALENT-POS	0.87 [MDL=1.5]	1.5 U [MDL=1.5]	103.582 [MDL=30]
BAP EQUIVALENT-UCL	--	--	187.147034 [MDL=30]
BENZO(A)ANTHRACENE	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]	81 J [MDL=20]
BENZO(A)PYRENE	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]	80 J [MDL=30]
BENZO(B)FLUORANTHENE	8.7 [MDL=1.4]	1.400000 U [MDL=1.4]	83 [MDL=30]
BENZO(G,H,I)PERYLENE	--	--	59 J [MDL=40]
BENZO(K)FLUORANTHENE	2.000000 U [MDL=2]	1.900000 U [MDL=1.9]	90 [MDL=20]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-266 F-SB-266RE-3 9/21/2009	SB-266 F-SB-266RE-4 9/21/2009	SB-267 SB-267-02 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.100000 U [MDL=1.1]	1.000000 U [MDL=1]	82 J [MDL=20]
DIBENZO(A,H)ANTHRACENE	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]	82 UJ [MDL=30]
FLUORANTHENE	--	--	173 [MDL=30]
FLUORENE	--	--	82 U [MDL=20]
INDENO(1,2,3-CD)PYRENE	1.800000 U [MDL=1.8]	1.700000 U [MDL=1.7]	62 J [MDL=40]
NAPHTHALENE	--	--	82 U [MDL=30]
PHENANTHRENE	--	--	47 J [MDL=20]
PYRENE	--	--	110 [MDL=20]
TOTAL PAHS	8.7 [MDL=1.5]	0 U [MDL=1.5]	867 [MDL=30]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	25.000000 U [MDL=25]	24.000000 U [MDL=24]	--
AROCLOR-1221	19.000000 U [MDL=19]	18.000000 U [MDL=18]	--
AROCLOR-1232	17.000000 U [MDL=17]	16.000000 U [MDL=16]	--
AROCLOR-1242	15.000000 U [MDL=15]	15.000000 U [MDL=15]	--
AROCLOR-1248	20.000000 U [MDL=20]	19.000000 U [MDL=19]	--
AROCLOR-1254	20.000000 U [MDL=20]	19.000000 U [MDL=19]	--
AROCLOR-1260	20.000000 U [MDL=20]	19.000000 U [MDL=19]	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-266 F-SB-266RE-3 9/21/2009	SB-266 F-SB-266RE-4 9/21/2009	SB-267 SB-267-02 5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	0 U [MDL=24]	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-267 SB-267-SS 5/9/2005	SB-267 F-SB-267RE-3 9/21/2009	SB-267 F-SB-267RE-4 9/21/2009
METALS (MG/KG)			
ANTIMONY	1.0 [MDL=0.3]	--	--
ARSENIC	3.0 B [MDL=0.7]	--	--
BARIUM	79.0 [MDL=0.3]	--	--
BERYLLIUM	0.80 [MDL=0.04]	--	--
CADMIUM	0.70 [MDL=0.06]	--	--
CHROMIUM	16.4 [MDL=0.2]	--	--
COBALT	6.0 [MDL=0.09]	--	--
COPPER	16.0 [MDL=0.3]	--	--
LEAD	91.0 [MDL=0.3]	--	--
MERCURY	0.07 [--]	--	--
MOLYBDENUM	0.60 U [MDL=0.6]	--	--
NICKEL	9.0 [MDL=0.1]	--	--
SELENIUM	3.0 [MDL=2]	--	--
SILVER	0.06 B [MDL=0.06]	--	--
THALLIUM	1.0 U [MDL=1]	--	--
VANADIUM	21.6 [MDL=0.2]	--	--
ZINC	287 [MDL=0.2]	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	193 U [MDL=60]	--	--
1,2-DICHLOROBENZENE	193 U [MDL=30]	--	--
1,3-DICHLOROBENZENE	193 U [MDL=20]	--	--
1,4-DICHLOROBENZENE	193 U [MDL=20]	--	--
1,4-DIOXANE	375 U [MDL=76.1]	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	114 U [MDL=40]	--	--
2,4,5-TRICHLOROPHENOL	386 U [MDL=30]	--	--
2,4,6-TRICHLOROPHENOL	386 U [MDL=40]	--	--
2,4-DICHLOROPHENOL	386 U [MDL=30]	--	--
2,4-DIMETHYLPHENOL	386 U [MDL=40]	--	--
2,4-DINITROPHENOL	568 U [MDL=60]	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-267 SB-267-SS 5/9/2005	SB-267 F-SB-267RE-3 9/21/2009	SB-267 F-SB-267RE-4 9/21/2009
2,4-DINITROTOLUENE	80 U [MDL=20]	--	--
2,6-DINITROTOLUENE	80 U [MDL=30]	--	--
2-CHLORONAPHTHALENE	193 U [MDL=20]	--	--
2-CHLOROPHENOL	386 U [MDL=20]	--	--
2-METHYLPHENOL	386 U [MDL=40]	--	--
2-NITROANILINE	193 U [MDL=60]	--	--
2-NITROPHENOL	386 U [MDL=30]	--	--
3&4-METHYLPHENOL	761 U [MDL=30]	--	--
3,3'-DICHLOROBENZIDINE	193 U [MDL=80]	--	--
3-NITROANILINE	386 U [MDL=60]	--	--
4,6-DINITRO-2-METHYLPHENOL	386 U [MDL=10]	--	--
4-BROMOPHENYL PHENYL ETHER	114 U [MDL=40]	--	--
4-CHLORO-3-METHYLPHENOL	386 U [MDL=30]	--	--
4-CHLOROANILINE	386 U [MDL=50]	--	--
4-CHLOROPHENYL PHENYL ETHER	193 U [MDL=20]	--	--
4-NITROANILINE	114 U [MDL=50]	--	--
4-NITROPHENOL	386 U [MDL=40]	--	--
ACETOPHENONE	--	--	--
ANILINE	386 U [MDL=51.1]	--	--
ATRAZINE	--	--	--
AZOBENZENE	193 U [MDL=21.6]	--	--
BENZIDINE	761 U [MDL=239]	--	--
BENZOIC ACID	925 [MDL=33]	--	--
BENZYL ALCOHOL	386 U [MDL=31.8]	--	--
BIS(2-CHLOROETHOXY)METHANE	114 U [MDL=40]	--	--
BIS(2-CHLOROETHYL)ETHER	114 U [MDL=30]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	80 U [MDL=30]	--	--
BUTYL BENZYL PHTHALATE	193 U [MDL=20]	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	193 U [MDL=20]	--	--
DIBENZOFURAN	114 U [MDL=20]	--	--
DIETHYL PHTHALATE	386 U [MDL=20]	--	--
DIMETHYL PHTHALATE	386 U [MDL=20]	--	--
DI-N-BUTYL PHTHALATE	193 U [MDL=30]	--	--
DI-N-OCTYL PHTHALATE	193 U [MDL=20]	--	--
HEXACHLOROBENZENE	80 U [MDL=20]	--	--
HEXACHLOROBUTADIENE	193 U [MDL=40]	--	--
HEXACHLOROCYCLOPENTADIENE	386 U [MDL=30]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-267 SB-267-SS 5/9/2005	SB-267 F-SB-267RE-3 9/21/2009	SB-267 F-SB-267RE-4 9/21/2009
HEXACHLOROETHANE	193 U [MDL=30]	--	--
ISOPHORONE	114 U [MDL=30]	--	--
NITROBENZENE	193 U [MDL=60]	--	--
N-NITROSODIMETHYLAMINE	114 U [MDL=43.2]	--	--
N-NITROSO-DI-N-PROPYLAMINE	114 U [MDL=30]	--	--
N-NITROSODIPHENYLAMINE	114 U [MDL=20]	--	--
PENTACHLOROPHENOL	955 U [MDL=50]	--	--
PHENOL	386 U [MDL=40]	--	--
PYRIDINE	386 U [MDL=47.7]	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-267 SB-267-SS 5/9/2005	SB-267 F-SB-267RE-3 9/21/2009	SB-267 F-SB-267RE-4 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-267 SB-267-SS 5/9/2005	SB-267 F-SB-267RE-3 9/21/2009	SB-267 F-SB-267RE-4 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	79.5 U [MDL=25]	--	--
2-METHYLNAPHTHALENE	80 U [MDL=30]	--	--
ACENAPHTHENE	80 U [MDL=30]	--	--
ACENAPHTHYLENE	80 U [MDL=30]	--	--
ANTHRACENE	41 J [MDL=20]	--	--
BAP EQUIVALENT-HALFND	313.239 [MDL=30]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	313.239 [MDL=30]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	313.239 [MDL=30]	--	--
BENZO(A)ANTHRACENE	209 [MDL=20]	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]
BENZO(A)PYRENE	212 [MDL=30]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
BENZO(B)FLUORANTHENE	229 [MDL=30]	1.400000 U [MDL=1.4]	1.400000 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	113 J [MDL=40]	--	--
BENZO(K)FLUORANTHENE	241 [MDL=20]	1.900000 U [MDL=1.9]	2.000000 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-267 SB-267-SS 5/9/2005	SB-267 F-SB-267RE-3 9/21/2009	SB-267 F-SB-267RE-4 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	229 [MDL=20]	1.000000 U [MDL=1]	1.100000 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	41 J [MDL=30]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
FLUORANTHENE	395 [MDL=30]	--	--
FLUORENE	80 U [MDL=20]	--	--
INDENO(1,2,3-CD)PYRENE	138 J [MDL=30]	1.700000 U [MDL=1.7]	1.800000 U [MDL=1.8]
NAPHTHALENE	80 U [MDL=30]	--	--
PHENANTHRENE	163 [MDL=20]	--	--
PYRENE	286 [MDL=20]	--	--
TOTAL PAHS	2297 [MDL=30]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	38 U [MDL=0.01]	--	--
AROCLOR-1221	38 U [MDL=0.007]	--	--
AROCLOR-1232	38 U [MDL=0.01]	--	--
AROCLOR-1242	38 U [MDL=0.007]	--	--
AROCLOR-1248	38 U [MDL=0.009]	--	--
AROCLOR-1254	96 [MDL=0.009]	--	--
AROCLOR-1260	73 J [MDL=0.007]	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-267 SB-267-SS 5/9/2005	SB-267 F-SB-267RE-3 9/21/2009	SB-267 F-SB-267RE-4 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	169 [MDL=0.01]	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-268	SB-268	SB-268
SAMPLE ID	SB-268-02	SB-268-SS	F-SB-268RE-3
SAMPLE DATE	5/9/2005	5/9/2005	9/21/2009
METALS (MG/KG)			
ANTIMONY	--	2 L [MDL=0.3]	--
ARSENIC	--	5 [MDL=0.7]	--
BARIUM	--	207 [MDL=0.3]	--
BERYLLIUM	--	1.4 [MDL=0.04]	--
CADMIUM	--	3 [MDL=0.06]	--
CHROMIUM	--	31.8 [MDL=0.2]	--
COBALT	--	11.7 [MDL=0.09]	--
COPPER	--	50 [MDL=0.3]	--
LEAD	--	447 [MDL=0.3]	--
MERCURY	--	0.49 [--]	--
MOLYBDENUM	--	1 B [MDL=0.6]	--
NICKEL	--	14 [MDL=0.1]	--
SELENIUM	--	2 U [MDL=2]	--
SILVER	--	0.3 B [MDL=0.06]	--
THALLIUM	--	1 U [MDL=1]	--
VANADIUM	--	35.8 [MDL=0.2]	--
ZINC	--	289 [MDL=0.2]	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	3.6 [MDL=0.4]	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	203 U [MDL=60]	4050 U [MDL=1000]	--
1,2-DICHLOROBENZENE	203 U [MDL=30]	4050 U [MDL=700]	--
1,3-DICHLOROBENZENE	203 U [MDL=30]	4050 U [MDL=500]	--
1,4-DICHLOROBENZENE	203 U [MDL=30]	4050 U [MDL=500]	--
1,4-DIOXANE	393 U [MDL=79.8]	7870 U [MDL=1600]	--
2,2'-OXYBIS(1-CHLOROPROPANE)	119 U [MDL=40]	2380 U [MDL=900]	--
2,4,5-TRICHLOROPHENOL	405 U [MDL=40]	8110 U [MDL=700]	--
2,4,6-TRICHLOROPHENOL	405 U [MDL=40]	8110 U [MDL=800]	--
2,4-DICHLOROPHENOL	405 U [MDL=30]	8110 U [MDL=500]	--
2,4-DIMETHYLPHENOL	405 U [MDL=40]	8110 U [MDL=800]	--
2,4-DINITROPHENOL	596 U [MDL=60]	11900 U [MDL=1000]	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 SB-268-02 5/9/2005	SB-268 SB-268-SS 5/9/2005	SB-268 F-SB-268RE-3 9/21/2009
2,4-DINITROTOLUENE	83 U [MDL=30]	1670 U [MDL=500]	--
2,6-DINITROTOLUENE	83 U [MDL=40]	1670 U [MDL=700]	--
2-CHLORONAPHTHALENE	203 U [MDL=30]	4050 U [MDL=500]	--
2-CHLOROPHENOL	405 U [MDL=20]	8110 U [MDL=400]	--
2-METHYLPHENOL	405 U [MDL=40]	8110 U [MDL=700]	--
2-NITROANILINE	203 U [MDL=70]	4050 U [MDL=1000]	--
2-NITROPHENOL	405 U [MDL=30]	8110 U [MDL=700]	--
3&4-METHYLPHENOL	798 U [MDL=30]	16000 U [MDL=600]	--
3,3'-DICHLOROBENZIDINE	203 U [MDL=80]	4050 U [MDL=2000]	--
3-NITROANILINE	405 U [MDL=70]	8110 U [MDL=1000]	--
4,6-DINITRO-2-METHYLPHENOL	405 U [MDL=10]	8110 U [MDL=300]	--
4-BROMOPHENYL PHENYL ETHER	119 U [MDL=40]	2380 U [MDL=800]	--
4-CHLORO-3-METHYLPHENOL	405 U [MDL=40]	8110 U [MDL=700]	--
4-CHLOROANILINE	405 U [MDL=50]	8110 U [MDL=1000]	--
4-CHLOROPHENYL PHENYL ETHER	203 U [MDL=30]	4050 U [MDL=500]	--
4-NITROANILINE	119 U [MDL=50]	2380 U [MDL=1000]	--
4-NITROPHENOL	405 U [MDL=40]	8110 U [MDL=800]	--
ACETOPHENONE	--	--	--
ANILINE	405 U [MDL=53.6]	8110 U [MDL=1070]	--
ATRAZINE	--	--	--
AZOBENZENE	203 U [MDL=22.6]	4050 U [MDL=453]	--
BENZIDINE	798 U [MDL=250]	16000 U [MDL=5010]	--
BENZOIC ACID	180 J [MDL=34.5]	16000 U [MDL=692]	--
BENZYL ALCOHOL	405 U [MDL=33.4]	8110 U [MDL=668]	--
BIS(2-CHLOROETHOXY)METHANE	119 U [MDL=40]	2380 U [MDL=800]	--
BIS(2-CHLOROETHYL)ETHER	119 U [MDL=30]	2380 U [MDL=700]	--
BIS(2-ETHYLHEXYL)PHTHALATE	83 U [MDL=30]	1670 U [MDL=700]	--
BUTYL BENZYL PHTHALATE	203 U [MDL=20]	4050 U [MDL=500]	--
CAPROLACTAM	--	--	--
CARBAZOLE	448 [MDL=30]	4640 [MDL=500]	--
DIBENZOFURAN	140 [MDL=20]	1650 J [MDL=500]	--
DIETHYL PHTHALATE	405 U [MDL=20]	8110 U [MDL=400]	--
DIMETHYL PHTHALATE	405 U [MDL=20]	8110 U [MDL=400]	--
DI-N-BUTYL PHTHALATE	37 J [MDL=30]	4050 U [MDL=600]	--
DI-N-OCTYL PHTHALATE	203 U [MDL=20]	4050 U [MDL=500]	--
HEXACHLOROBENZENE	83 U [MDL=30]	1670 U [MDL=500]	--
HEXACHLOROBUTADIENE	203 U [MDL=40]	4050 U [MDL=900]	--
HEXACHLOROCYCLOPENTADIENE	405 U [MDL=30]	8110 U [MDL=500]	--

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SOIL

LOCATION	SB-268	SB-268	SB-268
SAMPLE ID	SB-268-02	SB-268-SS	F-SB-268RE-3
SAMPLE DATE	5/9/2005	5/9/2005	9/21/2009
HEXACHLOROETHANE	203 U [MDL=30]	4050 U [MDL=700]	--
ISOPHORONE	119 U [MDL=30]	2380 U [MDL=600]	--
NITROBENZENE	203 U [MDL=60]	4050 U [MDL=1000]	--
N-NITROSODIMETHYLAMINE	119 U [MDL=45.3]	2380 U [MDL=906]	--
N-NITROSO-DI-N-PROPYLAMINE	119 U [MDL=40]	2380 U [MDL=700]	--
N-NITROSODIPHENYLAMINE	119 U [MDL=20]	2380 U [MDL=300]	--
PENTACHLOROPHENOL	1000 U [MDL=50]	20000 U [MDL=1000]	--
PHENOL	405 U [MDL=50]	8110 U [MDL=900]	--
PYRIDINE	405 U [MDL=50]	8110 U [MDL=1000]	--

VOLATILES (UG/KG)			
1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 SB-268-02 5/9/2005	SB-268 SB-268-SS 5/9/2005	SB-268 F-SB-268RE-3 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 SB-268-02 5/9/2005	SB-268 SB-268-SS 5/9/2005	SB-268 F-SB-268RE-3 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	36.5 J [MDL=26.2]	1670 U [MDL=525]	--
2-METHYLNAPHTHALENE	32 J [MDL=30]	1670 U [MDL=600]	--
ACENAPHTHENE	350 [MDL=30]	3620 [MDL=600]	--
ACENAPHTHYLENE	49 J [MDL=30]	1670 U [MDL=600]	--
ANTHRACENE	1000 [MDL=20]	9420 [MDL=500]	--
BAP EQUIVALENT-HALFND	4262.03 [MDL=30]	38098.4 [MDL=600]	7604.4 [MDL=9.8]
BAP EQUIVALENT-POS	4262.03 [MDL=30]	38098.4 [MDL=600]	7604.4 [MDL=9.8]
BAP EQUIVALENT-UCL	4262.03 [MDL=30]	38098.4 [MDL=600]	--
BENZO(A)ANTHRACENE	2980 [MDL=20]	28700 [MDL=400]	5700 [MDL=7.2]
BENZO(A)PYRENE	3130 [MDL=30]	25600 [MDL=600]	5200 [MDL=9.8]
BENZO(B)FLUORANTHENE	4000 [MDL=30]	26700 [MDL=600]	6500 [MDL=9.1]
BENZO(G,H,I)PERYLENE	650 J [MDL=40]	13200 J [MDL=800]	--
BENZO(K)FLUORANTHENE	2930 [MDL=30]	23000 [MDL=500]	2900 [MDL=13]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 SB-268-02 5/9/2005	SB-268 SB-268-SS 5/9/2005	SB-268 F-SB-268RE-3 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	2930 [MDL=20]	28400 [MDL=400]	5400 [MDL=6.8]
DIBENZO(A,H)ANTHRACENE	307 [MDL=30]	5250 [MDL=600]	860 [MDL=9.8]
FLUORANTHENE	8780 [MDL=600]	63200 [MDL=600]	--
FLUORENE	331 [MDL=20]	3580 [MDL=400]	--
INDENO(1,2,3-CD)PYRENE	948 [MDL=40]	14500 [MDL=700]	2900 [MDL=11]
NAPHTHALENE	57 J [MDL=30]	1670 U [MDL=700]	--
PHENANTHRENE	3450 [MDL=20]	36100 [MDL=400]	--
PYRENE	4530 [MDL=20]	45200 [MDL=500]	--
TOTAL PAHS	36454 [MDL=30]	326470 [MDL=600]	29460 [MDL=9.8]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	39 U [MDL=0.01]	--
AROCLOR-1221	--	39 U [MDL=0.007]	--
AROCLOR-1232	--	39 U [MDL=0.01]	--
AROCLOR-1242	--	39 U [MDL=0.007]	--
AROCLOR-1248	--	39 U [MDL=0.009]	--
AROCLOR-1254	--	39 U [MDL=0.009]	--
AROCLOR-1260	--	63 [MDL=0.007]	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 SB-268-02 5/9/2005	SB-268 SB-268-SS 5/9/2005	SB-268 F-SB-268RE-3 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	63 [MDL=0.01]	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-4 9/21/2009	SB-268 F-SB-268RE-5 9/21/2009	SB-268 F-SB-268RE-6 9/21/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-4 9/21/2009	SB-268 F-SB-268RE-5 9/21/2009	SB-268 F-SB-268RE-6 9/21/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-4 9/21/2009	SB-268 F-SB-268RE-5 9/21/2009	SB-268 F-SB-268RE-6 9/21/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)			
1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-4 9/21/2009	SB-268 F-SB-268RE-5 9/21/2009	SB-268 F-SB-268RE-6 9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-4 9/21/2009	SB-268 F-SB-268RE-5 9/21/2009	SB-268 F-SB-268RE-6 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	744.98 [MDL=1.5]	298.31 [MDL=1.6]	1375.85 [MDL=1.5]
BAP EQUIVALENT-POS	744.98 [MDL=1.5]	298.31 [MDL=1.6]	1375.85 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	550 [MDL=1.1]	220 [MDL=1.2]	1000 [MDL=1.1]
BENZO(A)PYRENE	520 [MDL=1.5]	210 [MDL=1.6]	980 [MDL=1.5]
BENZO(B)FLUORANTHENE	580 [MDL=1.4]	280 [MDL=1.5]	1200 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	350 [MDL=2]	110 [MDL=2.1]	600 [MDL=1.9]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-4 9/21/2009	SB-268 F-SB-268RE-5 9/21/2009	SB-268 F-SB-268RE-6 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	480 [MDL=1]	210 [MDL=1.1]	850 [MDL=1]
DIBENZO(A,H)ANTHRACENE	79 [MDL=1.5]	26 [MDL=1.6]	120 [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	290 [MDL=1.7]	110 [MDL=1.8]	490 [MDL=1.7]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	2849 [MDL=1.5]	1166 [MDL=1.6]	5240 [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-4 9/21/2009	SB-268 F-SB-268RE-5 9/21/2009	SB-268 F-SB-268RE-6 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-7 9/21/2009	SB-268 F-SB-268RE-7-D 9/21/2009	SB-268 F-SB-268RE-10 10/6/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-7 9/21/2009	SB-268 F-SB-268RE-7-D 9/21/2009	SB-268 F-SB-268RE-10 10/6/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-7 9/21/2009	SB-268 F-SB-268RE-7-D 9/21/2009	SB-268 F-SB-268RE-10 10/6/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-7 9/21/2009	SB-268 F-SB-268RE-7-D 9/21/2009	SB-268 F-SB-268RE-10 10/6/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-7 9/21/2009	SB-268 F-SB-268RE-7-D 9/21/2009	SB-268 F-SB-268RE-10 10/6/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	708.9 [MDL=1.5]	3043 [MDL=3.8]	441.3315 [MDL=11]
BAP EQUIVALENT-POS	708.9 [MDL=1.5]	3043 [MDL=3.8]	441.29 [MDL=11]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	490 J [MDL=1.1]	2300 J [MDL=2.8]	340 [MDL=6.3]
BENZO(A)PYRENE	510 J [MDL=1.5]	2100 J [MDL=3.8]	280 [MDL=11]
BENZO(B)FLUORANTHENE	590 J [MDL=1.4]	2600 J [MDL=3.5]	450 [MDL=8]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	340 J [MDL=2]	1100 J [MDL=5]	8.3 U [MDL=8.3]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-7 9/21/2009	SB-268 F-SB-268RE-7-D 9/21/2009	SB-268 F-SB-268RE-10 10/6/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	500 J [MDL=1]	2000 J [MDL=2.6]	290 [MDL=6.9]
DIBENZO(A,H)ANTHRACENE	61 J [MDL=1.5]	320 J [MDL=3.8]	62 [MDL=8.7]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	260 J [MDL=1.7]	1200 J [MDL=4.4]	200 [MDL=2.2]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	2751 [MDL=1.5]	11620 [MDL=3.8]	1622 [MDL=11]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION	SB-268	SB-268	SB-268
SAMPLE ID	F-SB-268RE-7	F-SB-268RE-7-D	F-SB-268RE-10
SAMPLE DATE	9/21/2009	9/21/2009	10/6/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-11 10/6/2009	SB-268 F-SB-268RE-8 10/6/2009	SB-268 F-SB-268RE-9 10/6/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-11 10/6/2009	SB-268 F-SB-268RE-8 10/6/2009	SB-268 F-SB-268RE-9 10/6/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-11 10/6/2009	SB-268 F-SB-268RE-8 10/6/2009	SB-268 F-SB-268RE-9 10/6/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix C
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-11 10/6/2009	SB-268 F-SB-268RE-8 10/6/2009	SB-268 F-SB-268RE-9 10/6/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-11 10/6/2009	SB-268 F-SB-268RE-8 10/6/2009	SB-268 F-SB-268RE-9 10/6/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	94.266 [MDL=2.2]	4.8109 [MDL=2.2]	115.678 [MDL=2.2]
BAP EQUIVALENT-POS	94.258 [MDL=2.2]	3.9529 [MDL=2.2]	115.67 [MDL=2.2]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	67 [MDL=1.2]	3.4 J [MDL=1.2]	87 [MDL=1.3]
BENZO(A)PYRENE	62 [MDL=2.2]	3.1 J [MDL=2.2]	75 [MDL=2.2]
BENZO(B)FLUORANTHENE	93 [MDL=1.6]	3.2 J [MDL=1.6]	110 [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-11 10/6/2009	SB-268 F-SB-268RE-8 10/6/2009	SB-268 F-SB-268RE-9 10/6/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	58 [MDL=1.3]	2.9 J [MDL=1.4]	70 [MDL=1.4]
DIBENZO(A,H)ANTHRACENE	12 [MDL=1.7]	1.7 U [MDL=1.7]	16 [MDL=1.7]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	42 [MDL=0.42]	1.9 J [MDL=0.42]	49 [MDL=0.43]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	334 [MDL=2.2]	14.5 [MDL=2.2]	407 [MDL=2.2]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-11 10/6/2009	SB-268 F-SB-268RE-8 10/6/2009	SB-268 F-SB-268RE-9 10/6/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL			
LOCATION	SB-268	SB-268	SB-268
SAMPLE ID	F-SB-268RE-12	F-SB-268RE-13	F-SB-268RE-14
SAMPLE DATE	10/19/2009	10/19/2009	10/19/2009
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-12 10/19/2009	SB-268 F-SB-268RE-13 10/19/2009	SB-268 F-SB-268RE-14 10/19/2009
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-12 10/19/2009	SB-268 F-SB-268RE-13 10/19/2009	SB-268 F-SB-268RE-14 10/19/2009
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-12 10/19/2009	SB-268 F-SB-268RE-13 10/19/2009	SB-268 F-SB-268RE-14 10/19/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-12 10/19/2009	SB-268 F-SB-268RE-13 10/19/2009	SB-268 F-SB-268RE-14 10/19/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	6440.9 [MDL=6.2]	14.264 [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	6440.9 [MDL=6.2]	13.414 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	4500 [MDL=4.6]	11 [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	4400 [MDL=6.2]	11 [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	5600 [MDL=5.8]	13 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2700 [MDL=8.2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-12 10/19/2009	SB-268 F-SB-268RE-13 10/19/2009	SB-268 F-SB-268RE-14 10/19/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.0 U [MDL=1]	3900 [MDL=4.3]	14 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	720 [MDL=6.2]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	2800 [MDL=7.2]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	24620 [MDL=6.2]	49 [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-12 10/19/2009	SB-268 F-SB-268RE-13 10/19/2009	SB-268 F-SB-268RE-14 10/19/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-15 10/19/2009	SB-269 SB-269-02 5/9/2005	SB-269 SB-269-SS 5/9/2005
METALS (MG/KG)			
ANTIMONY	--	--	1 L [MDL=0.3]
ARSENIC	--	--	6 [MDL=0.7]
BARIUM	--	--	103 [MDL=0.3]
BERYLLIUM	--	--	1.7 [MDL=0.04]
CADMIUM	--	--	0.7 [MDL=0.06]
CHROMIUM	--	--	26.1 [MDL=0.2]
COBALT	--	--	6.6 [MDL=0.09]
COPPER	--	--	15 [MDL=0.3]
LEAD	--	--	56 [MDL=0.3]
MERCURY	--	--	0.18 [-]
MOLYBDENUM	--	--	1 B [MDL=0.6]
NICKEL	--	--	13 [MDL=0.1]
SELENIUM	--	--	3 [MDL=2]
SILVER	--	--	0.06 U [MDL=0.06]
THALLIUM	--	--	1 U [MDL=1]
VANADIUM	--	--	42.8 [MDL=0.2]
ZINC	--	--	74 [MDL=0.2]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	0.51 [MDL=0.3]
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	199 U [MDL=60]	194 UJ [MDL=60]
1,2-DICHLOROBENZENE	--	199 U [MDL=30]	194 UJ [MDL=30]
1,3-DICHLOROBENZENE	--	199 U [MDL=20]	194 UJ [MDL=20]
1,4-DICHLOROBENZENE	--	199 U [MDL=30]	194 UJ [MDL=30]
1,4-DIOXANE	--	387 U [MDL=78.6]	377 UJ [MDL=76.5]
2,2'-OXYBIS(1-CHLOROPROPANE)	--	117 U [MDL=40]	114 UJ [MDL=40]
2,4,5-TRICHLOROPHENOL	--	399 U [MDL=40]	388 UJ [MDL=30]
2,4,6-TRICHLOROPHENOL	--	399 U [MDL=40]	388 UJ [MDL=40]
2,4-DICHLOROPHENOL	--	399 U [MDL=30]	388 UJ [MDL=30]
2,4-DIMETHYLPHENOL	--	399 U [MDL=40]	388 UJ [MDL=40]
2,4-DINITROPHENOL	--	586 U [MDL=60]	571 UJ [MDL=60]

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-15 10/19/2009	SB-269 SB-269-02 5/9/2005	SB-269 SB-269-SS 5/9/2005
2,4-DINITROTOLUENE	--	82 U [MDL=20]	80 UJ [MDL=20]
2,6-DINITROTOLUENE	--	82 U [MDL=40]	80 UJ [MDL=30]
2-CHLORONAPHTHALENE	--	199 U [MDL=20]	194 UJ [MDL=20]
2-CHLOROPHENOL	--	399 U [MDL=20]	388 UJ [MDL=20]
2-METHYLPHENOL	--	399 U [MDL=40]	388 UJ [MDL=40]
2-NITROANILINE	--	199 U [MDL=70]	194 UJ [MDL=60]
2-NITROPHENOL	--	399 U [MDL=30]	388 UJ [MDL=30]
3&4-METHYLPHENOL	--	786 U [MDL=30]	765 UJ [MDL=30]
3,3'-DICHLOROBENZIDINE	--	199 U [MDL=80]	194 UJ [MDL=80]
3-NITROANILINE	--	399 U [MDL=70]	388 UJ [MDL=70]
4,6-DINITRO-2-METHYLPHENOL	--	399 U [MDL=10]	388 UJ [MDL=10]
4-BROMOPHENYL PHENYL ETHER	--	117 U [MDL=40]	114 UJ [MDL=40]
4-CHLORO-3-METHYLPHENOL	--	399 U [MDL=40]	388 UJ [MDL=30]
4-CHLOROANILINE	--	399 U [MDL=50]	388 UJ [MDL=50]
4-CHLOROPHENYL PHENYL ETHER	--	199 U [MDL=30]	194 UJ [MDL=30]
4-NITROANILINE	--	117 U [MDL=50]	114 UJ [MDL=50]
4-NITROPHENOL	--	399 U [MDL=40]	388 UJ [MDL=40]
ACETOPHENONE	--	--	--
ANILINE	--	399 U [MDL=52.8]	388 UJ [MDL=51.4]
ATRAZINE	--	--	--
AZOBENZENE	--	199 U [MDL=22.3]	194 UJ [MDL=21.7]
BENZIDINE	--	786 U [MDL=246]	765 UJ [MDL=240]
BENZOIC ACID	--	786 U [MDL=34]	765 UJ [MDL=33.1]
BENZYL ALCOHOL	--	47.5 J [MDL=32.8]	388 UJ [MDL=32]
BIS(2-CHLOROETHOXY)METHANE	--	117 U [MDL=40]	114 UJ [MDL=40]
BIS(2-CHLOROETHYL)ETHER	--	117 U [MDL=30]	114 UJ [MDL=30]
BIS(2-ETHYLHEXYL)PHTHALATE	--	82 U [MDL=30]	80 UJ [MDL=30]
BUTYL BENZYL PHTHALATE	--	199 U [MDL=20]	194 UJ [MDL=20]
CAPROLACTAM	--	--	--
CARBAZOLE	--	199 U [MDL=30]	123 J [MDL=30]
DIBENZOFURAN	--	117 U [MDL=20]	27 J [MDL=20]
DIETHYL PHTHALATE	--	399 U [MDL=20]	388 UJ [MDL=20]
DIMETHYL PHTHALATE	--	399 U [MDL=20]	388 UJ [MDL=20]
DI-N-BUTYL PHTHALATE	--	199 U [MDL=30]	194 UJ [MDL=30]
DI-N-OCTYL PHTHALATE	--	199 U [MDL=20]	194 UJ [MDL=20]
HEXACHLOROBENZENE	--	82 U [MDL=30]	80 UJ [MDL=30]
HEXACHLOROBUTADIENE	--	199 U [MDL=40]	194 UJ [MDL=40]
HEXACHLOROCYCLOPENTADIENE	--	399 U [MDL=30]	388 UJ [MDL=30]

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-15 10/19/2009	SB-269 SB-269-02 5/9/2005	SB-269 SB-269-SS 5/9/2005
HEXACHLOROETHANE	--	199 U [MDL=30]	194 UJ [MDL=30]
ISOPHORONE	--	117 U [MDL=30]	114 UJ [MDL=30]
NITROBENZENE	--	199 U [MDL=60]	194 UJ [MDL=60]
N-NITROSODIMETHYLAMINE	--	117 U [MDL=44.6]	114 UJ [MDL=43.4]
N-NITROSO-DI-N-PROPYLAMINE	--	117 U [MDL=40]	114 UJ [MDL=30]
N-NITROSODIPHENYLAMINE	--	117 U [MDL=20]	114 UJ [MDL=20]
PENTACHLOROPHENOL	--	985 U [MDL=50]	959 UJ [MDL=50]
PHENOL	--	399 U [MDL=50]	388 UJ [MDL=40]
PYRIDINE	--	399 U [MDL=49.3]	388 UJ [MDL=48]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-15 10/19/2009	SB-269 SB-269-02 5/9/2005	SB-269 SB-269-SS 5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-15 10/19/2009	SB-269 SB-269-02 5/9/2005	SB-269 SB-269-SS 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	82.1 U [MDL=25.8]	79.9 UJ [MDL=25.1]
2-METHYLNAPHTHALENE	--	82 U [MDL=30]	80 UJ [MDL=30]
ACENAPHTHENE	--	82 U [MDL=30]	79 J [MDL=30]
ACENAPHTHYLENE	--	82 U [MDL=30]	80 UJ [MDL=30]
ANTHRACENE	--	82 U [MDL=20]	256 J [MDL=20]
BAP EQUIVALENT-HALFND	22.616 [MDL=1.6]	82 U [MDL=30]	1883.35 [MDL=30]
BAP EQUIVALENT-POS	21.816 [MDL=1.6]	82 U [MDL=30]	1883.35 [MDL=30]
BAP EQUIVALENT-UCL	--	168.218442 [MDL=30]	1883.35 [MDL=30]
BENZO(A)ANTHRACENE	17 [MDL=1.2]	82 U [MDL=20]	1260 J [MDL=20]
BENZO(A)PYRENE	17 [MDL=1.6]	82 U [MDL=30]	1310 J [MDL=30]
BENZO(B)FLUORANTHENE	20 [MDL=1.5]	82 U [MDL=30]	1520 J [MDL=30]
BENZO(G,H,I)PERYLENE	--	82 UJ [MDL=40]	662 J [MDL=40]
BENZO(K)FLUORANTHENE	11 [MDL=2.1]	82 U [MDL=20]	1360 J [MDL=20]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-15 10/19/2009	SB-269 SB-269-02 5/9/2005	SB-269 SB-269-SS 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	16 [MDL=1.1]	82 U [MDL=20]	1250 J [MDL=20]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	82 U [MDL=30]	206 J [MDL=30]
FLUORANTHENE	--	82 U [MDL=30]	2720 J [MDL=30]
FLUORENE	--	82 U [MDL=20]	68 J [MDL=20]
INDENO(1,2,3-CD)PYRENE	9.9 [MDL=1.8]	82 U [MDL=40]	745 J [MDL=30]
NAPHTHALENE	--	82 U [MDL=30]	80 UJ [MDL=30]
PHENANTHRENE	--	82 U [MDL=20]	987 J [MDL=20]
PYRENE	--	28 J [MDL=20]	1740 J [MDL=20]
TOTAL PAHS	90.9 [MDL=1.6]	28 [MDL=30]	14163 [MDL=30]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	37 U [MDL=0.01]
AROCLOR-1221	--	--	37 U [MDL=0.007]
AROCLOR-1232	--	--	37 U [MDL=0.01]
AROCLOR-1242	--	--	37 U [MDL=0.007]
AROCLOR-1248	--	--	37 U [MDL=0.009]
AROCLOR-1254	--	--	37 U [MDL=0.009]
AROCLOR-1260	--	--	95 [MDL=0.007]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-268 F-SB-268RE-15 10/19/2009	SB-269 SB-269-02 5/9/2005	SB-269 SB-269-SS 5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	95 [MDL=0.01]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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LOCATION	SB-269	SB-269	SB-270
SAMPLE ID	F-SB-269RE-3	F-SB-269RE-4	SB-270-02
SAMPLE DATE	9/21/2009	9/21/2009	5/9/2005
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	204 U [MDL=60]
1,2-DICHLOROBENZENE	--	--	204 U [MDL=30]
1,3-DICHLOROBENZENE	--	--	204 U [MDL=30]
1,4-DICHLOROBENZENE	--	--	204 U [MDL=30]
1,4-DIOXANE	--	--	396 U [MDL=80.3]
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	120 U [MDL=40]
2,4,5-TRICHLOROPHENOL	--	--	408 U [MDL=40]
2,4,6-TRICHLOROPHENOL	--	--	408 U [MDL=40]
2,4-DICHLOROPHENOL	--	--	408 U [MDL=30]
2,4-DIMETHYLPHENOL	--	--	408 U [MDL=40]
2,4-DINITROPHENOL	--	--	600 U [MDL=60]

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LOCATION SAMPLE ID SAMPLE DATE	SB-269 F-SB-269RE-3 9/21/2009	SB-269 F-SB-269RE-4 9/21/2009	SB-270 SB-270-02 5/9/2005
2,4-DINITROTOLUENE	--	--	84 U [MDL=30]
2,6-DINITROTOLUENE	--	--	84 U [MDL=40]
2-CHLORONAPHTHALENE	--	--	204 U [MDL=30]
2-CHLOROPHENOL	--	--	408 U [MDL=20]
2-METHYLPHENOL	--	--	408 U [MDL=40]
2-NITROANILINE	--	--	204 U [MDL=70]
2-NITROPHENOL	--	--	408 U [MDL=30]
3&4-METHYLPHENOL	--	--	803 U [MDL=30]
3,3'-DICHLOROBENZIDINE	--	--	204 U [MDL=80]
3-NITROANILINE	--	--	408 U [MDL=70]
4,6-DINITRO-2-METHYLPHENOL	--	--	408 U [MDL=10]
4-BROMOPHENYL PHENYL ETHER	--	--	120 U [MDL=40]
4-CHLORO-3-METHYLPHENOL	--	--	408 U [MDL=40]
4-CHLOROANILINE	--	--	408 U [MDL=50]
4-CHLOROPHENYL PHENYL ETHER	--	--	204 U [MDL=30]
4-NITROANILINE	--	--	120 U [MDL=60]
4-NITROPHENOL	--	--	408 U [MDL=40]
ACETOPHENONE	--	--	--
ANILINE	--	--	408 U [MDL=54]
ATRAZINE	--	--	--
AZOBENZENE	--	--	204 U [MDL=22.8]
BENZIDINE	--	--	803 UR [MDL=252]
BENZOIC ACID	--	--	217 J [MDL=34.8]
BENZYL ALCOHOL	--	--	408 U [MDL=33.6]
BIS(2-CHLOROETHOXY)METHANE	--	--	120 U [MDL=40]
BIS(2-CHLOROETHYL)ETHER	--	--	120 U [MDL=30]
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	84 U [MDL=30]
BUTYL BENZYL PHTHALATE	--	--	204 U [MDL=20]
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	204 U [MDL=30]
DIBENZOFURAN	--	--	120 U [MDL=20]
DIETHYL PHTHALATE	--	--	408 U [MDL=20]
DIMETHYL PHTHALATE	--	--	408 U [MDL=20]
DI-N-BUTYL PHTHALATE	--	--	204 U [MDL=30]
DI-N-OCTYL PHTHALATE	--	--	204 U [MDL=20]
HEXACHLOROBENZENE	--	--	84 U [MDL=30]
HEXACHLOROBUTADIENE	--	--	204 U [MDL=40]
HEXACHLOROCYCLOPENTADIENE	--	--	408 U [MDL=30]

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LOCATION SAMPLE ID SAMPLE DATE	SB-269 F-SB-269RE-3 9/21/2009	SB-269 F-SB-269RE-4 9/21/2009	SB-270 SB-270-02 5/9/2005
HEXACHLOROETHANE	--	--	204 U [MDL=30]
ISOPHORONE	--	--	120 U [MDL=30]
NITROBENZENE	--	--	204 U [MDL=60]
N-NITROSODIMETHYLAMINE	--	--	120 U [MDL=45.6]
N-NITROSO-DI-N-PROPYLAMINE	--	--	120 U [MDL=40]
N-NITROSODIPHENYLAMINE	--	--	120 U [MDL=20]
PENTACHLOROPHENOL	--	--	1010 U [MDL=50]
PHENOL	--	--	408 U [MDL=50]
PYRIDINE	--	--	408 U [MDL=50.4]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-269 F-SB-269RE-3 9/21/2009	SB-269 F-SB-269RE-4 9/21/2009	SB-270 SB-270-02 5/9/2005
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-269 F-SB-269RE-3 9/21/2009	SB-269 F-SB-269RE-4 9/21/2009	SB-270 SB-270-02 5/9/2005
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	83.9 U [MDL=26.4]
2-METHYLNAPHTHALENE	--	--	84 U [MDL=30]
ACENAPHTHENE	--	--	84 U [MDL=30]
ACENAPHTHYLENE	--	--	84 U [MDL=30]
ANTHRACENE	--	--	84 U [MDL=20]
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	123.389 [MDL=30]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	80.969 [MDL=30]
BAP EQUIVALENT-UCL	--	--	168.415267 [MDL=30]
BENZO(A)ANTHRACENE	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]	73 J [MDL=20]
BENZO(A)PYRENE	1.600000 U [MDL=1.6]	1.500000 U [MDL=1.5]	62 J [MDL=30]
BENZO(B)FLUORANTHENE	1.400000 U [MDL=1.4]	1.400000 U [MDL=1.4]	65 J [MDL=30]
BENZO(G,H,I)PERYLENE	--	--	48 J [MDL=40]
BENZO(K)FLUORANTHENE	2.000000 U [MDL=2]	1.900000 U [MDL=1.9]	84 U [MDL=30]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-269 F-SB-269RE-3 9/21/2009	SB-269 F-SB-269RE-4 9/21/2009	SB-270 SB-270-02 5/9/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	1.100000 U [MDL=1.1]	1.000000 U [MDL=1]	69 J [MDL=20]
DIBENZO(A,H)ANTHRACENE	1.600000 U [MDL=1.6]	1.500000 U [MDL=1.5]	84 UJ [MDL=30]
FLUORANTHENE	--	--	163 [MDL=30]
FLUORENE	--	--	84 U [MDL=20]
INDENO(1,2,3-CD)PYRENE	1.800000 U [MDL=1.8]	1.700000 U [MDL=1.7]	51 J [MDL=40]
NAPHTHALENE	--	--	84 U [MDL=30]
PHENANTHRENE	--	--	81 J [MDL=20]
PYRENE	--	--	113 [MDL=20]
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.5]	725 [MDL=30]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-269 F-SB-269RE-3 9/21/2009	SB-269 F-SB-269RE-4 9/21/2009	SB-270 SB-270-02 5/9/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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LOCATION SAMPLE ID SAMPLE DATE	SB-270 SB-270-SS 5/9/2005	SB-270 F-SB-270RE-3 9/21/2009	SB-270 F-SB-270RE-4 9/21/2009
METALS (MG/KG)			
ANTIMONY	1 L [MDL=0.4]	--	--
ARSENIC	3 B [MDL=0.7]	--	--
BARIUM	64 [MDL=0.4]	--	--
BERYLLIUM	1.1 [MDL=0.05]	--	--
CADMIUM	0.3 B [MDL=0.06]	--	--
CHROMIUM	15.3 [MDL=0.2]	--	--
COBALT	5.4 [MDL=0.09]	--	--
COPPER	12 [MDL=0.4]	--	--
LEAD	64 [MDL=0.4]	--	--
MERCURY	0.11 [--]	--	--
MOLYBDENUM	0.6 B [MDL=0.6]	--	--
NICKEL	8 B [MDL=0.1]	--	--
SELENIUM	2 U [MDL=2]	--	--
SILVER	0.06 U [MDL=0.06]	--	--
THALLIUM	1 U [MDL=1]	--	--
VANADIUM	26.2 [MDL=0.2]	--	--
ZINC	51 [MDL=0.2]	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	0.64 [MDL=0.4]	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	200 U [MDL=60]	--	--
1,2-DICHLOROBENZENE	200 U [MDL=30]	--	--
1,3-DICHLOROBENZENE	200 U [MDL=20]	--	--
1,4-DICHLOROBENZENE	200 U [MDL=30]	--	--
1,4-DIOXANE	389 U [MDL=79]	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	118 U [MDL=40]	--	--
2,4,5-TRICHLOROPHENOL	401 U [MDL=40]	--	--
2,4,6-TRICHLOROPHENOL	401 U [MDL=40]	--	--
2,4-DICHLOROPHENOL	401 U [MDL=30]	--	--
2,4-DIMETHYLPHENOL	401 U [MDL=40]	--	--
2,4-DINITROPHENOL	589 U [MDL=60]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-270 SB-270-SS 5/9/2005	SB-270 F-SB-270RE-3 9/21/2009	SB-270 F-SB-270RE-4 9/21/2009
2,4-DINITROTOLUENE	83 U [MDL=20]	--	--
2,6-DINITROTOLUENE	83 U [MDL=40]	--	--
2-CHLORONAPHTHALENE	200 U [MDL=20]	--	--
2-CHLOROPHENOL	401 U [MDL=20]	--	--
2-METHYLPHENOL	401 U [MDL=40]	--	--
2-NITROANILINE	200 U [MDL=70]	--	--
2-NITROPHENOL	401 U [MDL=30]	--	--
3&4-METHYLPHENOL	790 U [MDL=30]	--	--
3,3'-DICHLOROBENZIDINE	200 U [MDL=80]	--	--
3-NITROANILINE	401 U [MDL=70]	--	--
4,6-DINITRO-2-METHYLPHENOL	401 U [MDL=10]	--	--
4-BROMOPHENYL PHENYL ETHER	118 U [MDL=40]	--	--
4-CHLORO-3-METHYLPHENOL	401 U [MDL=40]	--	--
4-CHLOROANILINE	401 U [MDL=50]	--	--
4-CHLOROPHENYL PHENYL ETHER	200 U [MDL=30]	--	--
4-NITROANILINE	118 U [MDL=50]	--	--
4-NITROPHENOL	401 U [MDL=40]	--	--
ACETOPHENONE	--	--	--
ANILINE	401 U [MDL=53.1]	--	--
ATRAZINE	--	--	--
AZOBENZENE	200 U [MDL=22.4]	--	--
BENZIDINE	790 U [MDL=248]	--	--
BENZOIC ACID	189 J [MDL=34.2]	--	--
BENZYL ALCOHOL	401 U [MDL=33]	--	--
BIS(2-CHLOROETHOXY)METHANE	118 U [MDL=40]	--	--
BIS(2-CHLOROETHYL)ETHER	118 U [MDL=30]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	83 U [MDL=30]	--	--
BUTYL BENZYL PHTHALATE	200 U [MDL=20]	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	32 J [MDL=30]	--	--
DIBENZOFURAN	118 U [MDL=20]	--	--
DIETHYL PHTHALATE	401 U [MDL=20]	--	--
DIMETHYL PHTHALATE	401 U [MDL=20]	--	--
DI-N-BUTYL PHTHALATE	200 U [MDL=30]	--	--
DI-N-OCTYL PHTHALATE	200 U [MDL=20]	--	--
HEXACHLOROBENZENE	83 U [MDL=30]	--	--
HEXACHLOROBUTADIENE	200 U [MDL=40]	--	--
HEXACHLOROCYCLOPENTADIENE	401 U [MDL=30]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-270 SB-270-SS 5/9/2005	SB-270 F-SB-270RE-3 9/21/2009	SB-270 F-SB-270RE-4 9/21/2009
HEXACHLOROETHANE	200 U [MDL=30]	--	--
ISOPHORONE	118 U [MDL=30]	--	--
NITROBENZENE	200 U [MDL=60]	--	--
N-NITROSODIMETHYLAMINE	118 U [MDL=44.8]	--	--
N-NITROSO-DI-N-PROPYLAMINE	118 U [MDL=40]	--	--
N-NITROSODIPHENYLAMINE	118 U [MDL=20]	--	--
PENTACHLOROPHENOL	990 U [MDL=50]	--	--
PHENOL	401 U [MDL=50]	--	--
PYRIDINE	401 U [MDL=49.5]	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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LOCATION	SB-270	SB-270	SB-270
SAMPLE ID	SB-270-SS	F-SB-270RE-3	F-SB-270RE-4
SAMPLE DATE	5/9/2005	9/21/2009	9/21/2009
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-270 SB-270-SS 5/9/2005	SB-270 F-SB-270RE-3 9/21/2009	SB-270 F-SB-270RE-4 9/21/2009
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	82.5 U [MDL=25.9]	--	--
2-METHYLNAPHTHALENE	83 U [MDL=30]	--	--
ACENAPHTHENE	83 U [MDL=30]	--	--
ACENAPHTHYLENE	83 U [MDL=30]	--	--
ANTHRACENE	66 J [MDL=20]	--	--
BAP EQUIVALENT-HALFND	369.109 [MDL=30]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	369.109 [MDL=30]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	369.109 [MDL=30]	--	--
BENZO(A)ANTHRACENE	239 [MDL=20]	1.100000 U [MDL=1.1]	1.100000 U [MDL=1.1]
BENZO(A)PYRENE	258 [MDL=30]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
BENZO(B)FLUORANTHENE	250 [MDL=30]	1.300000 U [MDL=1.3]	1.300000 U [MDL=1.3]
BENZO(G,H,I)PERYLENE	175 J [MDL=40]	--	--
BENZO(K)FLUORANTHENE	244 [MDL=20]	1.900000 U [MDL=1.9]	1.900000 U [MDL=1.9]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-270 SB-270-SS 5/9/2005	SB-270 F-SB-270RE-3 9/21/2009	SB-270 F-SB-270RE-4 9/21/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	269 [MDL=20]	1.000000 U [MDL=1]	1.000000 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	46 J [MDL=30]	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]
FLUORANTHENE	600 [MDL=30]	--	--
FLUORENE	83 U [MDL=20]	--	--
INDENO(1,2,3-CD)PYRENE	135 J [MDL=40]	1.700000 U [MDL=1.7]	1.700000 U [MDL=1.7]
NAPHTHALENE	83 U [MDL=30]	--	--
PHENANTHRENE	265 [MDL=20]	--	--
PYRENE	371 [MDL=20]	--	--
TOTAL PAHS	2918 [MDL=30]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	38 U [MDL=0.01]	--	--
AROCLOR-1221	38 U [MDL=0.007]	--	--
AROCLOR-1232	38 U [MDL=0.01]	--	--
AROCLOR-1242	38 U [MDL=0.007]	--	--
AROCLOR-1248	38 U [MDL=0.009]	--	--
AROCLOR-1254	38 U [MDL=0.009]	--	--
AROCLOR-1260	29 J [MDL=0.007]	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-270 SB-270-SS 5/9/2005	SB-270 F-SB-270RE-3 9/21/2009	SB-270 F-SB-270RE-4 9/21/2009
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	29 [MDL=0.01]	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[--] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-295	SB-295	SB-296
SAMPLE ID	SB-295-0405	SB-295-0910	SB-296-0405
SAMPLE DATE	11/1/2005	11/1/2005	10/28/2005
METALS (MG/KG)			
ANTIMONY	0.67 U [MDL=0.67]	0.78 U [MDL=0.78]	0.91 U [MDL=0.91]
ARSENIC	4.6 [MDL=0.57]	2.9 K [MDL=0.65]	5.7 [MDL=0.77]
BARIUM	22.8 [MDL=0.1]	15.1 [MDL=0.11]	14.5 [MDL=0.13]
BERYLLIUM	0.96 [MDL=0.02]	3.2 [MDL=0.03]	3.6 [MDL=0.03]
CADMIUM	0.36 U [MDL=0.36]	0.41 U [MDL=0.41]	0.48 U [MDL=0.48]
CHROMIUM	25.1 [MDL=0.17]	29.0 [MDL=0.19]	38.7 [MDL=0.22]
COBALT	3.2 B [MDL=0.5]	8.5 K [MDL=0.58]	32.3 [MDL=0.68]
COPPER	14.6 [MDL=0.47]	17.5 [MDL=0.54]	40.4 [MDL=0.64]
LEAD	8.0 [MDL=0.27]	8.7 [MDL=0.31]	9.9 [MDL=0.37]
MERCURY	0.01 [MDL=0.01]	0.01 U [MDL=0.01]	0.02 [MDL=0.01]
MOLYBDENUM	0.41 K [MDL=0.33]	0.44 K [MDL=0.38]	0.55 K [MDL=0.44]
NICKEL	9.7 [MDL=0.96]	24.3 [MDL=1.11]	31.4 [MDL=1.3]
SELENIUM	0.59 U [MDL=0.59]	0.68 U [MDL=0.68]	0.80 U [MDL=0.8]
SILVER	0.72 [MDL=0.72]	0.99 [MDL=0.83]	1.6 [MDL=0.98]
THALLIUM	1.0 U [MDL=1]	1.16 U [MDL=1.16]	1.36 U [MDL=1.36]
VANADIUM	40.4 [MDL=0.8]	32.5 [MDL=0.92]	61.6 [MDL=1.08]
ZINC	27.1 [MDL=0.29]	32.2 [MDL=0.33]	58.0 [MDL=0.39]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	81 [--]	84 [--]	80 [--]
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	400 U [MDL=54]	390 U [MDL=52]	410 U [MDL=54]
1,2-DICHLOROBENZENE	400 U [MDL=52]	390 U [MDL=51]	410 U [MDL=53]
1,3-DICHLOROBENZENE	400 U [MDL=65]	390 U [MDL=63]	410 U [MDL=66]
1,4-DICHLOROBENZENE	400 U [MDL=31]	390 U [MDL=30]	410 U [MDL=31]
1,4-DIOXANE	400 U [MDL=200]	390 U [MDL=200]	410 U [MDL=200]
2,2'-OXYBIS(1-CHLOROPROPANE)	400 U [MDL=38]	390 U [MDL=36]	410 U [MDL=38]
2,4,5-TRICHLOROPHENOL	1000 U [MDL=220]	980 U [MDL=210]	1000 U [MDL=220]
2,4,6-TRICHLOROPHENOL	400 U [MDL=140]	390 U [MDL=140]	410 U [MDL=140]
2,4-DICHLOROPHENOL	400 U [MDL=160]	390 U [MDL=160]	410 U [MDL=170]
2,4-DIMETHYLPHENOL	400 U [MDL=140]	390 U [MDL=140]	410 U [MDL=140]
2,4-DINITROPHENOL	1000 U [MDL=76]	980 U [MDL=74]	1000 U [MDL=77]

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LOCATION SAMPLE ID SAMPLE DATE	SB-295 SB-295-0405 11/1/2005	SB-295 SB-295-0910 11/1/2005	SB-296 SB-296-0405 10/28/2005
2,4-DINITROTOLUENE	400 U [MDL=120]	390 U [MDL=120]	410 U [MDL=120]
2,6-DINITROTOLUENE	400 U [MDL=95]	390 U [MDL=92]	410 U [MDL=96]
2-CHLORONAPHTHALENE	400 U [MDL=59]	390 U [MDL=58]	410 U [MDL=60]
2-CHLOROPHENOL	400 U [MDL=110]	390 U [MDL=110]	410 U [MDL=110]
2-METHYLPHENOL	400 U [MDL=170]	390 U [MDL=160]	410 U [MDL=170]
2-NITROANILINE	1000 U [MDL=92]	980 U [MDL=89]	1000 U [MDL=93]
2-NITROPHENOL	400 U [MDL=130]	390 U [MDL=130]	410 U [MDL=130]
3&4-METHYLPHENOL	400 U [MDL=180]	390 U [MDL=180]	410 U [MDL=190]
3,3'-DICHLOROBENZIDINE	400 U [MDL=160]	390 U [MDL=160]	410 U [MDL=160]
3-NITROANILINE	1000 U [MDL=88]	980 U [MDL=85]	1000 U [MDL=89]
4,6-DINITRO-2-METHYLPHENOL	1000 U [MDL=250]	980 U [MDL=250]	1000 U [MDL=260]
4-BROMOPHENYL PHENYL ETHER	400 U [MDL=68]	390 U [MDL=66]	410 U [MDL=69]
4-CHLORO-3-METHYLPHENOL	400 U [MDL=140]	390 U [MDL=140]	410 U [MDL=150]
4-CHLOROANILINE	400 U [MDL=66]	390 U [MDL=64]	410 U [MDL=66]
4-CHLOROPHENYL PHENYL ETHER	400 U [MDL=62]	390 U [MDL=60]	410 U [MDL=63]
4-NITROANILINE	1000 U [MDL=100]	980 U [MDL=100]	1000 U [MDL=110]
4-NITROPHENOL	1000 U [MDL=190]	980 U [MDL=180]	1000 U [MDL=190]
ACETOPHENONE	--	--	--
ANILINE	400 U [MDL=200]	390 U [MDL=200]	410 U [MDL=200]
ATRAZINE	--	--	--
AZOBENZENE	400 U [MDL=200]	390 U [MDL=200]	410 U [MDL=200]
BENZIDINE	1000 U [MDL=500]	980 U [MDL=490]	1000 U [MDL=510]
BENZOIC ACID	1000 U [MDL=500]	980 U [MDL=490]	1000 U [MDL=510]
BENZYL ALCOHOL	400 U [MDL=38]	390 U [MDL=36]	410 U [MDL=38]
BIS(2-CHLOROETHOXY)METHANE	400 U [MDL=64]	390 U [MDL=62]	410 U [MDL=65]
BIS(2-CHLOROETHYL)ETHER	400 U [MDL=40]	390 U [MDL=39]	410 U [MDL=41]
BIS(2-ETHYLHEXYL)PHTHALATE	400 U [MDL=91]	390 U [MDL=89]	410 U [MDL=92]
BUTYL BENZYL PHTHALATE	400 U [MDL=84]	390 U [MDL=81]	410 U [MDL=84]
CAPROLACTAM	--	--	--
CARBAZOLE	400 U [MDL=74]	390 U [MDL=72]	410 U [MDL=75]
DIBENZOFURAN	400 U [MDL=76]	390 U [MDL=74]	410 U [MDL=77]
DIETHYL PHTHALATE	400 U [MDL=130]	390 U [MDL=120]	410 U [MDL=130]
DIMETHYL PHTHALATE	400 U [MDL=77]	390 U [MDL=74]	410 U [MDL=78]
DI-N-BUTYL PHTHALATE	400 U [MDL=100]	390 U [MDL=100]	410 U [MDL=100]
DI-N-OCTYL PHTHALATE	400 U [MDL=90]	390 U [MDL=88]	410 U [MDL=92]
HEXACHLOROBENZENE	400 U [MDL=290]	390 U [MDL=280]	410 U [MDL=290]
HEXACHLOROBUTADIENE	400 U [MDL=54]	390 U [MDL=52]	410 U [MDL=54]
HEXACHLOROCYCLOPENTADIENE	400 U [MDL=92]	390 U [MDL=89]	410 U [MDL=93]

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LOCATION	SB-295	SB-295	SB-296
SAMPLE ID	SB-295-0405	SB-295-0910	SB-296-0405
SAMPLE DATE	11/1/2005	11/1/2005	10/28/2005
HEXACHLOROETHANE	400 U [MDL=74]	390 U [MDL=72]	410 U [MDL=75]
ISOPHORONE	400 U [MDL=64]	390 U [MDL=62]	410 U [MDL=65]
NITROBENZENE	400 U [MDL=91]	390 U [MDL=89]	410 U [MDL=92]
N-NITROSODIMETHYLAMINE	400 U [MDL=200]	390 U [MDL=200]	410 U [MDL=200]
N-NITROSO-DI-N-PROPYLAMINE	400 U [MDL=69]	390 U [MDL=67]	410 U [MDL=70]
N-NITROSODIPHENYLAMINE	400 U [MDL=88]	390 U [MDL=86]	410 U [MDL=90]
PENTACHLOROPHENOL	1000 U [MDL=170]	980 U [MDL=170]	1000 U [MDL=170]
PHENOL	400 U [MDL=110]	390 U [MDL=110]	410 U [MDL=110]
PYRIDINE	400 U [MDL=200]	390 U [MDL=200]	410 U [MDL=200]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 UJ [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
1,1,1-TRICHLOROETHANE	6 UJ [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,1,2,2-TETRACHLOROETHANE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	6 UJ [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,1-DICHLOROETHANE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,1-DICHLOROETHENE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,1-DICHLOROPROPENE	6 UJ [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,2,3-TRICHLOROBENZENE	6 UJ [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,2,3-TRICHLOROPROPANE	6 UJ [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
1,2,3-TRIMETHYLBENZENE	6 UJ [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
1,2,4-TRICHLOROBENZENE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,2,4-TRIMETHYLBENZENE	6 UJ [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.7]
1,2-DIBROMO-3-CHLOROPROPANE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,2-DIBROMOETHANE	6 UJ [MDL=0.6]	6 U [MDL=0.5]	6 UJ [MDL=0.6]
1,2-DICHLOROBENZENE	6 UJ [MDL=0.4]	6 U [MDL=0.3]	6 UJ [MDL=0.4]
1,2-DICHLOROETHANE	6 UJ [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.7]
1,2-DICHLOROPROPANE	6 UJ [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	6 UJ [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
1,3-DICHLOROPROPANE	6 UJ [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 UJ [MDL=0.3]	6 U [MDL=0.3]	6 UJ [MDL=0.3]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 UJ [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
2-BUTANONE	31 UR [MDL=4]	30 UR [MDL=4]	31 UR [MDL=4]
2-CHLOROETHYL VINYL ETHER	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
2-CHLOROTOLUENE	6 UJ [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]

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LOCATION SAMPLE ID SAMPLE DATE	SB-295 SB-295-0405 11/1/2005	SB-295 SB-295-0910 11/1/2005	SB-296 SB-296-0405 10/28/2005
2-HEXANONE	31 UJ [MDL=5]	30 U [MDL=5]	31 UJ [MDL=5]
4-CHLOROTOLUENE	6 UJ [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
4-ISOPROPYLTOLUENE	6 UJ [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
4-METHYL-2-PENTANONE	31 UJ [MDL=5]	30 U [MDL=5]	31 UJ [MDL=5]
ACETONE	21 J [MDL=5]	14 J [MDL=5]	29 J [MDL=5]
BENZENE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
BROMOBENZENE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
BROMOCHLOROMETHANE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=2]
BROMODICHLOROMETHANE	6 UJ [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
BROMOFORM	6 UJ [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.7]
BROMOMETHANE	12 UJ [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
CARBON DISULFIDE	6 UJ [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
CARBON TETRACHLORIDE	6 UJ [MDL=4]	6 U [MDL=4]	6 UJ [MDL=4]
CHLOROBENZENE	6 UJ [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
CHLORODIBROMOMETHANE	6 UJ [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
CHLOROETHANE	12 UJ [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
CHLOROFORM	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
CHLOROMETHANE	12 UJ [MDL=1]	12 U [MDL=1]	12 UJ [MDL=1]
CIS-1,2-DICHLOROETHENE	6 UJ [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
CIS-1,3-DICHLOROPROPENE	6 UJ [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
DIBROMOMETHANE	6 UJ [MDL=0.6]	6 U [MDL=0.5]	6 UJ [MDL=0.6]
DICHLORODIFLUOROMETHANE	12 UJ [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
DIISOPROPYL ETHER	6 UJ [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
ETHYL TERT-BUTYL ETHER	6 UJ [MDL=0.3]	6 U [MDL=0.3]	6 UJ [MDL=0.3]
ETHYLBENZENE	6 UJ [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 UJ [MDL=1]	6 U [MDL=0.9]	6 UJ [MDL=1]
ISOPROPYLBENZENE	6 UJ [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=1]
M+P-XYLENES	12 UJ [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
METHYL TERT-BUTYL ETHER	12 UJ [MDL=0.8]	12 U [MDL=0.8]	12 UJ [MDL=0.8]
METHYLENE CHLORIDE	11 B [MDL=2]	8 B [MDL=2]	8 B [MDL=2]
NAPHTHALENE	6 UJ [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
N-BUTYLBENZENE	6 UJ [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
N-PROPYLBENZENE	6 UJ [MDL=0.9]	6 U [MDL=0.8]	6 UJ [MDL=0.9]
O-XYLENE	6 UJ [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
SEC-BUTYLBENZENE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
STYRENE	6 UJ [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
TERT-AMYL METHYL ETHER	6 UJ [MDL=0.5]	6 U [MDL=0.5]	6 UJ [MDL=0.5]

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LOCATION SAMPLE ID SAMPLE DATE	SB-295 SB-295-0405 11/1/2005	SB-295 SB-295-0910 11/1/2005	SB-296 SB-296-0405 10/28/2005
TERT-BUTYLBENZENE	6 UJ [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
TERTIARY-BUTYL ALCOHOL	12 UR [MDL=8]	12 UR [MDL=8]	12 UR [MDL=9]
TETRACHLOROETHENE	6 UJ [MDL=2]	6 U [MDL=1]	6 UJ [MDL=2]
TOLUENE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
TOTAL 1,2-DICHLOROETHENE	12 UJ [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
TOTAL XYLENES	18 UJ [MDL=2]	18 U [MDL=2]	19 UJ [MDL=2]
TRANS-1,2-DICHLOROETHENE	6 UJ [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
TRANS-1,3-DICHLOROPROPENE	6 UJ [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.7]
TRICHLOROETHENE	6 UJ [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=1]
TRICHLOROFLUOROMETHANE	2 J [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
VINYL ACETATE	6 UJ [MDL=0.3]	6 U [MDL=0.3]	6 UJ [MDL=0.3]
VINYL CHLORIDE	12 UJ [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	400 U [MDL=200]	390 U [MDL=200]	410 U [MDL=200]
2-METHYLNAPHTHALENE	400 U [MDL=70]	390 U [MDL=68]	410 U [MDL=70]
ACENAPHTHENE	400 U [MDL=73]	390 U [MDL=71]	410 U [MDL=74]
ACENAPHTHYLENE	400 U [MDL=50]	390 U [MDL=48]	410 U [MDL=50]
ANTHRACENE	400 U [MDL=71]	390 U [MDL=69]	410 U [MDL=72]
BAP EQUIVALENT-HALFND	400 U [MDL=56]	390 U [MDL=54]	410 U [MDL=56]
BAP EQUIVALENT-POS	400 U [MDL=56]	390 U [MDL=54]	410 U [MDL=56]
BAP EQUIVALENT-UCL	36.95056 [MDL=56]	41.043258 [MDL=54]	14.54834 [MDL=56]
BENZO(A)ANTHRACENE	400 U [MDL=72]	390 U [MDL=70]	410 U [MDL=73]
BENZO(A)PYRENE	400 U [MDL=56]	390 U [MDL=54]	410 U [MDL=56]
BENZO(B)FLUORANTHENE	400 U [MDL=79]	390 U [MDL=76]	410 U [MDL=80]
BENZO(G,H,I)PERYLENE	400 U [MDL=160]	390 U [MDL=150]	410 U [MDL=160]
BENZO(K)FLUORANTHENE	400 U [MDL=72]	390 U [MDL=70]	410 U [MDL=73]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-295 SB-295-0405 11/1/2005	SB-295 SB-295-0910 11/1/2005	SB-296 SB-296-0405 10/28/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	400 U [MDL=81]	390 U [MDL=78]	410 U [MDL=82]
DIBENZO(A,H)ANTHRACENE	400 U [MDL=170]	390 U [MDL=170]	410 U [MDL=180]
FLUORANTHENE	400 U [MDL=87]	390 U [MDL=85]	410 U [MDL=88]
FLUORENE	400 U [MDL=65]	390 U [MDL=63]	410 U [MDL=66]
INDENO(1,2,3-CD)PYRENE	400 U [MDL=160]	390 U [MDL=160]	410 U [MDL=160]
NAPHTHALENE	400 U [MDL=78]	390 U [MDL=76]	410 U [MDL=79]
PHENANTHRENE	400 U [MDL=71]	390 U [MDL=69]	410 U [MDL=72]
PYRENE	400 U [MDL=88]	390 U [MDL=86]	410 U [MDL=90]
TOTAL PAHS	0 U [MDL=56]	0 U [MDL=54]	0 U [MDL=56]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	21 U [MDL=21]	20 U [MDL=20]	21 U [MDL=21]
AROCLOR-1221	21 U [MDL=21]	20 U [MDL=20]	21 U [MDL=21]
AROCLOR-1232	21 U [MDL=21]	20 U [MDL=20]	21 U [MDL=21]
AROCLOR-1242	21 U [MDL=21]	20 U [MDL=20]	21 U [MDL=21]
AROCLOR-1248	21 U [MDL=21]	20 U [MDL=20]	21 U [MDL=21]
AROCLOR-1254	21 U [MDL=21]	20 U [MDL=20]	21 U [MDL=21]
AROCLOR-1260	21 U [MDL=21]	20 U [MDL=20]	21 U [MDL=21]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-295 SB-295-0405 11/1/2005	SB-295 SB-295-0910 11/1/2005	SB-296 SB-296-0405 10/28/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=21]	0 U [MDL=20]	0 U [MDL=21]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	2800 U [MDL=0.55]	2600 U [MDL=0.52]	2600 U [MDL=0.5]
TPH (C09-C36)	6100 U [MDL=2.1]	6000 U [MDL=2.1]	4900 J [MDL=2.2]

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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LOCATION	SB-296	SB-297	SB-297
SAMPLE ID	SB-296-0910	SB-297-0405	SB-297-0910
SAMPLE DATE	10/28/2005	10/28/2005	10/28/2005
METALS (MG/KG)			
ANTIMONY	0.74 U [MDL=0.74]	0.79 U [MDL=0.79]	0.82 U [MDL=0.82]
ARSENIC	2.4 K [MDL=0.62]	3.3 [MDL=0.66]	3.0 K [MDL=0.69]
BARIUM	13.7 [MDL=0.11]	16.3 [MDL=0.11]	22.3 [MDL=0.12]
BERYLLIUM	3.6 [MDL=0.03]	3.1 [MDL=0.03]	3.7 [MDL=0.03]
CADMIUM	0.39 U [MDL=0.39]	0.42 U [MDL=0.42]	0.44 U [MDL=0.44]
CHROMIUM	21.1 [MDL=0.18]	26.1 [MDL=0.19]	19.2 [MDL=0.2]
COBALT	6.0 K [MDL=0.55]	6.0 K [MDL=0.58]	8.7 K [MDL=0.61]
COPPER	21.9 [MDL=0.52]	21.9 [MDL=0.55]	15.9 [MDL=0.57]
LEAD	7.6 [MDL=0.3]	8.3 [MDL=0.32]	8.5 [MDL=0.33]
MERCURY	0.01 [MDL=0.01]	0.01 U [MDL=0.01]	0.01 U [MDL=0.01]
MOLYBDENUM	0.36 U [MDL=0.36]	0.43 K [MDL=0.38]	0.45 K [MDL=0.4]
NICKEL	21.3 [MDL=1.06]	24.0 [MDL=1.12]	25.4 [MDL=1.17]
SELENIUM	0.65 U [MDL=0.65]	0.69 U [MDL=0.69]	0.72 U [MDL=0.72]
SILVER	1.2 [MDL=0.79]	0.84 U [MDL=0.84]	0.88 U [MDL=0.88]
THALLIUM	1.11 U [MDL=1.11]	1.17 U [MDL=1.17]	1.3 B [MDL=1.23]
VANADIUM	32.8 [MDL=0.88]	35.3 [MDL=0.93]	31.8 [MDL=0.98]
ZINC	26.8 [MDL=0.31]	24.1 [MDL=0.33]	33.2 [MDL=0.35]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	84 [--]	88 [--]	84 [--]
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	390 U [MDL=52]	380 U [MDL=50]	390 U [MDL=52]
1,2-DICHLOROBENZENE	390 U [MDL=50]	380 U [MDL=48]	390 U [MDL=50]
1,3-DICHLOROBENZENE	390 U [MDL=62]	380 U [MDL=60]	390 U [MDL=62]
1,4-DICHLOROBENZENE	390 U [MDL=30]	380 U [MDL=29]	390 U [MDL=30]
1,4-DIOXANE	390 U [MDL=200]	380 U [MDL=190]	390 U [MDL=200]
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U [MDL=36]	380 U [MDL=35]	390 U [MDL=36]
2,4,5-TRICHLOROPHENOL	970 U [MDL=210]	930 U [MDL=200]	970 U [MDL=210]
2,4,6-TRICHLOROPHENOL	390 U [MDL=140]	380 U [MDL=130]	390 U [MDL=140]
2,4-DICHLOROPHENOL	390 U [MDL=160]	380 U [MDL=150]	390 U [MDL=160]
2,4-DIMETHYLPHENOL	390 U [MDL=140]	380 U [MDL=130]	390 U [MDL=140]
2,4-DINITROPHENOL	970 U [MDL=73]	930 U [MDL=70]	970 U [MDL=73]

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LOCATION SAMPLE ID SAMPLE DATE	SB-296 SB-296-0910 10/28/2005	SB-297 SB-297-0405 10/28/2005	SB-297 SB-297-0910 10/28/2005
2,4-DINITROTOLUENE	390 U [MDL=120]	380 U [MDL=110]	390 U [MDL=120]
2,6-DINITROTOLUENE	390 U [MDL=91]	380 U [MDL=88]	390 U [MDL=92]
2-CHLORONAPHTHALENE	390 U [MDL=57]	380 U [MDL=55]	390 U [MDL=57]
2-CHLOROPHENOL	390 U [MDL=110]	380 U [MDL=100]	390 U [MDL=110]
2-METHYLPHENOL	390 U [MDL=160]	380 U [MDL=150]	390 U [MDL=160]
2-NITROANILINE	970 U [MDL=89]	930 U [MDL=85]	970 U [MDL=89]
2-NITROPHENOL	390 U [MDL=130]	380 U [MDL=120]	390 U [MDL=130]
3&4-METHYLPHENOL	390 U [MDL=180]	380 U [MDL=170]	390 U [MDL=180]
3,3'-DICHLOROBENZIDINE	390 U [MDL=160]	380 U [MDL=150]	390 U [MDL=160]
3-NITROANILINE	970 U [MDL=84]	930 U [MDL=81]	970 U [MDL=84]
4,6-DINITRO-2-METHYLPHENOL	970 U [MDL=240]	930 U [MDL=240]	970 U [MDL=240]
4-BROMOPHENYL PHENYL ETHER	390 U [MDL=66]	380 U [MDL=63]	390 U [MDL=66]
4-CHLORO-3-METHYLPHENOL	390 U [MDL=140]	380 U [MDL=130]	390 U [MDL=140]
4-CHLOROANILINE	390 U [MDL=63]	380 U [MDL=61]	390 U [MDL=63]
4-CHLOROPHENYL PHENYL ETHER	390 U [MDL=60]	380 U [MDL=57]	390 U [MDL=60]
4-NITROANILINE	970 U [MDL=100]	930 U [MDL=98]	970 U [MDL=100]
4-NITROPHENOL	970 U [MDL=180]	930 U [MDL=180]	970 U [MDL=180]
ACETOPHENONE	--	--	--
ANILINE	390 U [MDL=200]	380 U [MDL=190]	390 U [MDL=200]
ATRAZINE	--	--	--
AZOBENZENE	390 U [MDL=200]	380 U [MDL=190]	390 U [MDL=200]
BENZIDINE	970 U [MDL=480]	930 U [MDL=470]	970 U [MDL=480]
BENZOIC ACID	970 U [MDL=480]	930 U [MDL=470]	970 U [MDL=480]
BENZYL ALCOHOL	390 U [MDL=36]	380 U [MDL=35]	390 UR [MDL=36]
BIS(2-CHLOROETHOXY)METHANE	390 U [MDL=62]	380 U [MDL=60]	390 U [MDL=62]
BIS(2-CHLOROETHYL)ETHER	390 U [MDL=39]	380 U [MDL=38]	390 U [MDL=39]
BIS(2-ETHYLHEXYL)PHTHALATE	190 J [MDL=88]	380 U [MDL=85]	390 U [MDL=88]
BUTYL BENZYL PHTHALATE	390 U [MDL=80]	380 U [MDL=77]	390 U [MDL=80]
CAPROLACTAM	--	--	--
CARBAZOLE	390 U [MDL=71]	380 U [MDL=68]	390 U [MDL=71]
DIBENZOFURAN	390 U [MDL=73]	380 U [MDL=70]	390 U [MDL=73]
DIETHYL PHTHALATE	390 U [MDL=120]	380 U [MDL=120]	390 U [MDL=120]
DIMETHYL PHTHALATE	390 U [MDL=74]	380 U [MDL=71]	390 U [MDL=74]
DI-N-BUTYL PHTHALATE	390 U [MDL=100]	380 U [MDL=96]	390 U [MDL=100]
DI-N-OCTYL PHTHALATE	390 U [MDL=87]	380 U [MDL=84]	390 U [MDL=87]
HEXACHLOROBENZENE	390 U [MDL=280]	380 U [MDL=260]	390 U [MDL=280]
HEXACHLOROBUTADIENE	390 U [MDL=52]	380 U [MDL=50]	390 U [MDL=52]
HEXACHLOROCYCLOPENTADIENE	390 U [MDL=89]	380 U [MDL=85]	390 UJ [MDL=89]

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LOCATION	SB-296	SB-297	SB-297
SAMPLE ID	SB-296-0910	SB-297-0405	SB-297-0910
SAMPLE DATE	10/28/2005	10/28/2005	10/28/2005
HEXACHLOROETHANE	390 U [MDL=72]	380 U [MDL=69]	390 U [MDL=72]
ISOPHORONE	390 U [MDL=61]	380 U [MDL=59]	390 U [MDL=62]
NITROBENZENE	390 U [MDL=88]	380 U [MDL=85]	390 U [MDL=88]
N-NITROSODIMETHYLAMINE	390 U [MDL=200]	380 U [MDL=190]	390 U [MDL=200]
N-NITROSO-DI-N-PROPYLAMINE	390 U [MDL=67]	380 U [MDL=64]	390 U [MDL=67]
N-NITROSODIPHENYLAMINE	390 U [MDL=85]	380 U [MDL=82]	390 U [MDL=85]
PENTACHLOROPHENOL	970 U [MDL=170]	930 U [MDL=160]	970 U [MDL=170]
PHENOL	390 U [MDL=110]	380 U [MDL=100]	390 U [MDL=110]
PYRIDINE	390 U [MDL=200]	380 U [MDL=190]	390 U [MDL=200]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 U [MDL=0.6]
1,1,1-TRICHLOROETHANE	6 U [MDL=2]	6 U [MDL=2]	6 U [MDL=2]
1,1,2,2-TETRACHLOROETHANE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [MDL=2]	6 U [MDL=2]	6 U [MDL=2]
1,1-DICHLOROETHANE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
1,1-DICHLOROETHENE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
1,1-DICHLOROPROPENE	6 U [MDL=2]	6 U [MDL=2]	6 U [MDL=2]
1,2,3-TRICHLOROBENZENE	6 U [MDL=2]	6 U [MDL=2]	6 U [MDL=2]
1,2,3-TRICHLOROPROPANE	6 U [MDL=0.9]	6 U [MDL=0.8]	6 U [MDL=0.9]
1,2,3-TRIMETHYLBENZENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 U [MDL=0.4]
1,2,4-TRICHLOROBENZENE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
1,2,4-TRIMETHYLBENZENE	6 U [MDL=0.7]	6 U [MDL=0.6]	6 U [MDL=0.7]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 U [MDL=0.9]
1,2-DIBROMOETHANE	6 U [MDL=0.5]	6 U [MDL=0.5]	6 U [MDL=0.5]
1,2-DICHLOROBENZENE	6 U [MDL=0.3]	6 U [MDL=0.3]	6 U [MDL=0.3]
1,2-DICHLOROETHANE	6 U [MDL=0.7]	6 U [MDL=0.7]	6 U [MDL=0.7]
1,2-DICHLOROPROPANE	6 U [MDL=0.9]	6 U [MDL=0.8]	6 U [MDL=0.9]
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 U [MDL=0.4]
1,3-DICHLOROPROPANE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 U [MDL=0.4]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [MDL=0.3]	6 U [MDL=0.3]	6 U [MDL=0.3]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [MDL=2]	6 U [MDL=2]	6 U [MDL=2]
2-BUTANONE	30 UR [MDL=4]	28 UR [MDL=4]	30 UR [MDL=4]
2-CHLOROETHYL VINYL ETHER	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
2-CHLOROTOLUENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 U [MDL=0.8]

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LOCATION	SB-296	SB-297	SB-297
SAMPLE ID	SB-296-0910	SB-297-0405	SB-297-0910
SAMPLE DATE	10/28/2005	10/28/2005	10/28/2005
2-HEXANONE	30 U [MDL=5]	28 U [MDL=5]	30 U [MDL=5]
4-CHLOROTOLUENE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 U [MDL=0.6]
4-ISOPROPYLTOLUENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 U [MDL=0.8]
4-METHYL-2-PENTANONE	30 U [MDL=5]	28 U [MDL=5]	30 U [MDL=5]
ACETONE	14 J [MDL=5]	37 L [MDL=5]	36 L [MDL=5]
BENZENE	6 U [MDL=1]	6 U [MDL=0.9]	6 U [MDL=1]
BROMOBENZENE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
BROMOCHLOROMETHANE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
BROMODICHLOROMETHANE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 U [MDL=0.6]
BROMOFORM	6 U [MDL=0.7]	6 U [MDL=0.7]	6 U [MDL=0.7]
BROMOMETHANE	12 U [MDL=2]	11 U [MDL=2]	12 U [MDL=2]
CARBON DISULFIDE	6 U [MDL=2]	6 U [MDL=2]	6 U [MDL=2]
CARBON TETRACHLORIDE	6 U [MDL=4]	6 U [MDL=3]	6 U [MDL=4]
CHLOROBENZENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 U [MDL=0.8]
CHLORODIBROMOMETHANE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 U [MDL=0.6]
CHLOROETHANE	12 U [MDL=2]	11 U [MDL=2]	12 U [MDL=2]
CHLOROFORM	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
CHLOROMETHANE	12 U [MDL=1]	11 U [MDL=1]	12 U [MDL=1]
CIS-1,2-DICHLOROETHENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 U [MDL=0.8]
CIS-1,3-DICHLOROPROPENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 U [MDL=0.4]
DIBROMOMETHANE	6 U [MDL=0.5]	6 U [MDL=0.5]	6 U [MDL=0.5]
DICHLORODIFLUOROMETHANE	12 U [MDL=2]	11 U [MDL=2]	12 U [MDL=2]
DIISOPROPYL ETHER	6 U [MDL=0.4]	6 U [MDL=0.4]	6 U [MDL=0.4]
ETHYL TERT-BUTYL ETHER	6 U [MDL=0.3]	6 U [MDL=0.3]	6 U [MDL=0.3]
ETHYLBENZENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 U [MDL=0.9]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 U [MDL=0.9]
ISOPROPYLBENZENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 U [MDL=0.9]
M+P-XYLENES	12 U [MDL=2]	11 U [MDL=1]	12 U [MDL=2]
METHYL TERT-BUTYL ETHER	12 U [MDL=0.8]	11 U [MDL=0.8]	12 U [MDL=0.8]
METHYLENE CHLORIDE	6 B [MDL=2]	7 B [MDL=2]	8 B [MDL=2]
NAPHTHALENE	6 U [MDL=2]	6 U [MDL=2]	6 U [MDL=2]
N-BUTYLBENZENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 U [MDL=0.8]
N-PROPYLBENZENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 U [MDL=0.8]
O-XYLENE	6 U [MDL=0.7]	6 U [MDL=0.7]	6 U [MDL=0.7]
SEC-BUTYLBENZENE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
STYRENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 U [MDL=0.4]
TERT-AMYL METHYL ETHER	6 U [MDL=0.5]	6 U [MDL=0.4]	6 U [MDL=0.5]

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LOCATION SAMPLE ID SAMPLE DATE	SB-296 SB-296-0910 10/28/2005	SB-297 SB-297-0405 10/28/2005	SB-297 SB-297-0910 10/28/2005
TERT-BUTYLBENZENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 U [MDL=0.8]
TERTIARY-BUTYL ALCOHOL	12 UR [MDL=8]	11 UR [MDL=8]	12 UR [MDL=8]
TETRACHLOROETHENE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
TOLUENE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
TOTAL 1,2-DICHLOROETHENE	12 U [MDL=2]	11 U [MDL=2]	12 U [MDL=2]
TOTAL XYLENES	18 U [MDL=2]	17 U [MDL=2]	18 U [MDL=2]
TRANS-1,2-DICHLOROETHENE	6 U [MDL=1]	6 U [MDL=1]	6 U [MDL=1]
TRANS-1,3-DICHLOROPROPENE	6 U [MDL=0.7]	6 U [MDL=0.6]	6 U [MDL=0.7]
TRICHLOROETHENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 U [MDL=0.9]
TRICHLOROFLUOROMETHANE	12 U [MDL=2]	11 U [MDL=2]	12 U [MDL=2]
VINYL ACETATE	6 U [MDL=0.3]	6 U [MDL=0.3]	6 U [MDL=0.3]
VINYL CHLORIDE	12 U [MDL=2]	11 U [MDL=2]	12 U [MDL=2]

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	390 U [MDL=200]	380 U [MDL=190]	390 U [MDL=200]
2-METHYLNAPHTHALENE	390 U [MDL=67]	380 U [MDL=64]	390 U [MDL=67]
ACENAPHTHENE	390 U [MDL=70]	380 U [MDL=68]	390 U [MDL=71]
ACENAPHTHYLENE	390 U [MDL=48]	380 U [MDL=46]	390 U [MDL=48]
ANTHRACENE	390 U [MDL=68]	380 U [MDL=66]	390 U [MDL=69]
BAP EQUIVALENT-HALFND	390 U [MDL=54]	380 U [MDL=52]	390 U [MDL=54]
BAP EQUIVALENT-POS	390 U [MDL=54]	380 U [MDL=52]	390 U [MDL=54]
BAP EQUIVALENT-UCL	44.125074 [MDL=54]	29.175073 [MDL=52]	47.359324 [MDL=54]
BENZO(A)ANTHRACENE	390 U [MDL=70]	380 U [MDL=67]	390 U [MDL=70]
BENZO(A)PYRENE	390 U [MDL=54]	380 U [MDL=52]	390 U [MDL=54]
BENZO(B)FLUORANTHENE	390 U [MDL=76]	380 U [MDL=73]	390 U [MDL=76]
BENZO(G,H,I)PERYLENE	390 U [MDL=150]	380 U [MDL=150]	390 U [MDL=150]
BENZO(K)FLUORANTHENE	390 U [MDL=69]	380 U [MDL=67]	390 U [MDL=69]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-296 SB-296-0910 10/28/2005	SB-297 SB-297-0405 10/28/2005	SB-297 SB-297-0910 10/28/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	390 U [MDL=78]	380 U [MDL=75]	390 U [MDL=78]
DIBENZO(A,H)ANTHRACENE	390 U [MDL=170]	380 U [MDL=160]	390 U [MDL=170]
FLUORANTHENE	390 U [MDL=84]	380 U [MDL=81]	390 U [MDL=84]
FLUORENE	390 U [MDL=62]	380 U [MDL=60]	390 U [MDL=62]
INDENO(1,2,3-CD)PYRENE	390 U [MDL=160]	380 U [MDL=150]	390 U [MDL=160]
NAPHTHALENE	390 U [MDL=75]	380 U [MDL=72]	390 U [MDL=75]
PHENANTHRENE	390 U [MDL=68]	380 U [MDL=66]	390 U [MDL=68]
PYRENE	390 U [MDL=85]	380 U [MDL=82]	390 U [MDL=85]
TOTAL PAHS	0 U [MDL=54]	0 U [MDL=52]	0 U [MDL=54]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1221	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1232	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1242	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1248	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1254	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1260	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION	SB-296	SB-297	SB-297
SAMPLE ID	SB-296-0910	SB-297-0405	SB-297-0910
SAMPLE DATE	10/28/2005	10/28/2005	10/28/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=20]	0 U [MDL=19]	0 U [MDL=20]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	2800 U [MDL=0.54]	2800 U [MDL=0.55]	2700 U [MDL=0.52]
TPH (C09-C36)	5900 U [MDL=2]	3500 J [MDL=2]	3800 J [MDL=2]

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-298	SB-298	SB-299
SAMPLE ID	SB-298-0405	SB-298-0910	SB-299-0405
SAMPLE DATE	11/1/2005	11/1/2005	11/1/2005
METALS (MG/KG)			
ANTIMONY	0.64 UL [MDL=0.64]	0.78 UL [MDL=0.78]	0.74 UL [MDL=0.74]
ARSENIC	3.5 [MDL=0.54]	2.0 K [MDL=0.66]	1.3 K [MDL=0.62]
BARIUM	17.7 [MDL=0.02]	19.6 [MDL=0.02]	12.5 [MDL=0.02]
BERYLLIUM	4.3 [MDL=0.03]	3.8 [MDL=0.02]	1.8 [MDL=0.03]
CADMIUM	0.06 U [MDL=0.06]	0.08 U [MDL=0.08]	0.07 U [MDL=0.07]
CHROMIUM	16.3 K [MDL=0.08]	39.4 K [MDL=0.06]	18.6 K [MDL=0.09]
COBALT	8.0 [MDL=0.09]	5.3 [MDL=0.07]	11.0 [MDL=0.1]
COPPER	18.0 [MDL=0.27]	11.6 [MDL=0.33]	10.9 [MDL=0.31]
LEAD	8.4 [MDL=0.26]	10.4 [MDL=0.31]	4.0 [MDL=0.3]
MERCURY	0.01 U [MDL=0.01]	0.01 U [MDL=0.01]	0.01 U [MDL=0.01]
MOLYBDENUM	0.32 [MDL=0.16]	0.35 [MDL=0.13]	0.18 U [MDL=0.18]
NICKEL	23.3 [MDL=0.12]	17.8 [MDL=0.1]	13.7 [MDL=0.14]
SELENIUM	0.56 UL [MDL=0.56]	0.69 UL [MDL=0.69]	0.65 UL [MDL=0.65]
SILVER	0.08 U [MDL=0.08]	0.07 U [MDL=0.07]	0.09 U [MDL=0.09]
THALLIUM	0.96 U [MDL=0.96]	1.17 U [MDL=1.17]	1.5 B [MDL=1.11]
VANADIUM	28.4 [MDL=0.21]	46.4 [MDL=0.26]	27.2 [MDL=0.25]
ZINC	34.7 [MDL=0.09]	30.8 [MDL=0.11]	40.9 [MDL=0.11]
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	84 [--]	83 [--]	86 [--]
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	390 U [MDL=52]	400 U [MDL=53]	380 U [MDL=51]
1,2-DICHLOROBENZENE	390 U [MDL=51]	400 U [MDL=52]	380 U [MDL=50]
1,3-DICHLOROBENZENE	390 U [MDL=63]	400 U [MDL=64]	380 U [MDL=62]
1,4-DICHLOROBENZENE	390 U [MDL=30]	400 U [MDL=30]	380 U [MDL=29]
1,4-DIOXANE	390 U [MDL=200]	400 U [MDL=200]	380 U [MDL=190]
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U [MDL=36]	400 U [MDL=37]	380 U [MDL=36]
2,4,5-TRICHLOROPHENOL	970 U [MDL=210]	990 U [MDL=220]	960 U [MDL=210]
2,4,6-TRICHLOROPHENOL	390 U [MDL=140]	400 U [MDL=140]	380 U [MDL=140]
2,4-DICHLOROPHENOL	390 U [MDL=160]	400 U [MDL=160]	380 U [MDL=160]
2,4-DIMETHYLPHENOL	390 U [MDL=140]	400 U [MDL=140]	380 U [MDL=140]
2,4-DINITROPHENOL	970 U [MDL=73]	990 U [MDL=74]	960 U [MDL=72]

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LOCATION SAMPLE ID SAMPLE DATE	SB-298 SB-298-0405 11/1/2005	SB-298 SB-298-0910 11/1/2005	SB-299 SB-299-0405 11/1/2005
2,4-DINITROTOLUENE	390 U [MDL=120]	400 U [MDL=120]	380 U [MDL=110]
2,6-DINITROTOLUENE	390 U [MDL=92]	400 U [MDL=93]	380 U [MDL=90]
2-CHLORONAPHTHALENE	390 U [MDL=57]	400 U [MDL=58]	380 U [MDL=56]
2-CHLOROPHENOL	390 U [MDL=110]	400 U [MDL=110]	380 U [MDL=100]
2-METHYLPHENOL	390 U [MDL=160]	400 U [MDL=160]	380 U [MDL=160]
2-NITROANILINE	970 U [MDL=89]	990 U [MDL=91]	960 U [MDL=87]
2-NITROPHENOL	390 U [MDL=130]	400 U [MDL=130]	380 U [MDL=120]
3&4-METHYLPHENOL	390 U [MDL=180]	400 U [MDL=180]	380 U [MDL=170]
3,3'-DICHLOROBENZIDINE	390 U [MDL=160]	400 U [MDL=160]	380 UR [MDL=160]
3-NITROANILINE	970 U [MDL=85]	990 U [MDL=86]	960 UR [MDL=83]
4,6-DINITRO-2-METHYLPHENOL	970 U [MDL=240]	990 U [MDL=250]	960 U [MDL=240]
4-BROMOPHENYL PHENYL ETHER	390 U [MDL=66]	400 U [MDL=67]	380 U [MDL=65]
4-CHLORO-3-METHYLPHENOL	390 U [MDL=140]	400 U [MDL=140]	380 U [MDL=140]
4-CHLOROANILINE	390 U [MDL=63]	400 U [MDL=64]	380 UR [MDL=62]
4-CHLOROPHENYL PHENYL ETHER	390 U [MDL=60]	400 U [MDL=61]	380 U [MDL=59]
4-NITROANILINE	970 U [MDL=100]	990 U [MDL=100]	960 U [MDL=100]
4-NITROPHENOL	970 U [MDL=180]	990 U [MDL=190]	960 U [MDL=180]
ACETOPHENONE	--	--	--
ANILINE	390 U [MDL=200]	400 U [MDL=200]	380 UR [MDL=190]
ATRAZINE	--	--	--
AZOBENZENE	390 U [MDL=200]	400 U [MDL=200]	380 U [MDL=190]
BENZIDINE	970 U [MDL=490]	990 U [MDL=500]	960 UR [MDL=480]
BENZOIC ACID	970 U [MDL=490]	990 U [MDL=500]	960 U [MDL=480]
BENZYL ALCOHOL	390 U [MDL=36]	400 U [MDL=37]	380 UR [MDL=36]
BIS(2-CHLOROETHOXY)METHANE	390 U [MDL=62]	400 U [MDL=63]	380 U [MDL=61]
BIS(2-CHLOROETHYL)ETHER	390 U [MDL=39]	400 U [MDL=40]	380 U [MDL=38]
BIS(2-ETHYLHEXYL)PHTHALATE	390 U [MDL=88]	400 U [MDL=90]	380 U [MDL=87]
BUTYL BENZYL PHTHALATE	390 U [MDL=81]	400 U [MDL=82]	380 U [MDL=79]
CAPROLACTAM	--	--	--
CARBAZOLE	390 U [MDL=71]	400 U [MDL=72]	380 U [MDL=70]
DIBENZOFURAN	390 U [MDL=74]	400 U [MDL=75]	380 U [MDL=72]
DIETHYL PHTHALATE	390 U [MDL=120]	400 U [MDL=120]	380 U [MDL=120]
DIMETHYL PHTHALATE	390 U [MDL=74]	400 U [MDL=75]	380 U [MDL=73]
DI-N-BUTYL PHTHALATE	390 U [MDL=100]	400 U [MDL=100]	380 U [MDL=98]
DI-N-OCTYL PHTHALATE	390 U [MDL=87]	400 U [MDL=89]	380 U [MDL=86]
HEXACHLOROBENZENE	390 U [MDL=280]	400 U [MDL=280]	380 U [MDL=270]
HEXACHLOROBUTADIENE	390 U [MDL=52]	400 U [MDL=53]	380 U [MDL=51]
HEXACHLOROCYCLOPENTADIENE	390 U [MDL=89]	400 U [MDL=91]	380 U [MDL=87]

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SOIL

LOCATION	SB-298	SB-298	SB-299
SAMPLE ID	SB-298-0405	SB-298-0910	SB-299-0405
SAMPLE DATE	11/1/2005	11/1/2005	11/1/2005
HEXACHLOROETHANE	390 U [MDL=72]	400 U [MDL=73]	380 U [MDL=71]
ISOPHORONE	390 U [MDL=62]	400 U [MDL=63]	380 U [MDL=61]
NITROBENZENE	390 U [MDL=88]	400 U [MDL=90]	380 U [MDL=87]
N-NITROSODIMETHYLAMINE	390 U [MDL=200]	400 U [MDL=200]	380 U [MDL=190]
N-NITROSO-DI-N-PROPYLAMINE	390 U [MDL=67]	400 U [MDL=68]	380 U [MDL=66]
N-NITROSODIPHENYLAMINE	390 U [MDL=85]	400 U [MDL=87]	380 UR [MDL=84]
PENTACHLOROPHENOL	970 U [MDL=170]	990 U [MDL=170]	960 U [MDL=160]
PHENOL	390 U [MDL=110]	400 U [MDL=110]	380 U [MDL=110]
PYRIDINE	390 U [MDL=200]	400 U [MDL=200]	380 UR [MDL=190]

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
1,1,1-TRICHLOROETHANE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,1,2,2-TETRACHLOROETHANE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,1-DICHLOROETHANE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,1-DICHLOROETHENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,1-DICHLOROPROPENE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,2,3-TRICHLOROBENZENE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
1,2,3-TRICHLOROPROPANE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
1,2,3-TRIMETHYLBENZENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
1,2,4-TRICHLOROBENZENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
1,2,4-TRIMETHYLBENZENE	6 U [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.6]
1,2-DIBROMO-3-CHLOROPROPANE	6 U [MDL=0.9]	6 U [MDL=1]	6 UJ [MDL=0.9]
1,2-DIBROMOETHANE	6 U [MDL=0.5]	6 U [MDL=0.6]	6 UJ [MDL=0.5]
1,2-DICHLOROBENZENE	6 U [MDL=0.3]	6 U [MDL=0.4]	6 UJ [MDL=0.3]
1,2-DICHLOROETHANE	6 U [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.7]
1,2-DICHLOROPROPANE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.8]
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
1,3-DICHLOROPROPANE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [MDL=0.3]	6 U [MDL=0.3]	6 UJ [MDL=0.3]
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
2-BUTANONE	30 UR [MDL=4]	30 UR [MDL=4]	29 UR [MDL=4]
2-CHLOROETHYL VINYL ETHER	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
2-CHLOROTOLUENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]

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LOCATION	SB-298	SB-298	SB-299
SAMPLE ID	SB-298-0405	SB-298-0910	SB-299-0405
SAMPLE DATE	11/1/2005	11/1/2005	11/1/2005
2-HEXANONE	30 U [MDL=5]	30 U [MDL=5]	29 UJ [MDL=5]
4-CHLOROTOLUENE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
4-ISOPROPYLTOLUENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
4-METHYL-2-PENTANONE	30 U [MDL=5]	30 U [MDL=5]	29 UJ [MDL=5]
ACETONE	29 B [MDL=5]	16 B [MDL=5]	29 UR [MDL=5]
BENZENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
BROMOBENZENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
BROMOCHLOROMETHANE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
BROMODICHLOROMETHANE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
BROMOFORM	6 U [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.7]
BROMOMETHANE	12 U [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
CARBON DISULFIDE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
CARBON TETRACHLORIDE	6 U [MDL=4]	6 U [MDL=4]	6 UJ [MDL=4]
CHLOROBENZENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
CHLORODIBROMOMETHANE	6 U [MDL=0.6]	6 U [MDL=0.6]	6 UJ [MDL=0.6]
CHLOROETHANE	12 U [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
CHLOROFORM	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
CHLOROMETHANE	12 U [MDL=1]	12 U [MDL=1]	12 UJ [MDL=1]
CIS-1,2-DICHLOROETHENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
CIS-1,3-DICHLOROPROPENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
DIBROMOMETHANE	6 U [MDL=0.5]	6 U [MDL=0.6]	6 UJ [MDL=0.5]
DICHLORODIFLUOROMETHANE	12 U [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
DIISOPROPYL ETHER	6 U [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
ETHYL TERT-BUTYL ETHER	6 U [MDL=0.3]	6 U [MDL=0.3]	6 UJ [MDL=0.3]
ETHYLBENZENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
ISOPROPYLBENZENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
M+P-XYLENES	12 U [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
METHYL TERT-BUTYL ETHER	12 U [MDL=0.8]	12 U [MDL=0.8]	12 UJ [MDL=0.8]
METHYLENE CHLORIDE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
NAPHTHALENE	6 U [MDL=2]	6 U [MDL=2]	6 UJ [MDL=2]
N-BUTYLBENZENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
N-PROPYLBENZENE	6 U [MDL=0.8]	6 U [MDL=0.9]	6 UJ [MDL=0.8]
O-XYLENE	6 U [MDL=0.7]	6 U [MDL=0.8]	6 UJ [MDL=0.7]
SEC-BUTYLBENZENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
STYRENE	6 U [MDL=0.4]	6 U [MDL=0.4]	6 UJ [MDL=0.4]
TERT-AMYL METHYL ETHER	6 U [MDL=0.5]	6 U [MDL=0.5]	6 UJ [MDL=0.4]

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LOCATION SAMPLE ID SAMPLE DATE	SB-298 SB-298-0405 11/1/2005	SB-298 SB-298-0910 11/1/2005	SB-299 SB-299-0405 11/1/2005
TERT-BUTYLBENZENE	6 U [MDL=0.8]	6 U [MDL=0.8]	6 UJ [MDL=0.8]
TERTIARY-BUTYL ALCOHOL	12 UJ [MDL=8]	12 UJ [MDL=8]	12 UR [MDL=8]
TETRACHLOROETHENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
TOLUENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
TOTAL 1,2-DICHLOROETHENE	12 U [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
TOTAL XYLENES	18 U [MDL=2]	18 U [MDL=2]	17 UJ [MDL=2]
TRANS-1,2-DICHLOROETHENE	6 U [MDL=1]	6 U [MDL=1]	6 UJ [MDL=1]
TRANS-1,3-DICHLOROPROPENE	6 U [MDL=0.7]	6 U [MDL=0.7]	6 UJ [MDL=0.6]
TRICHLOROETHENE	6 U [MDL=0.9]	6 U [MDL=0.9]	6 UJ [MDL=0.9]
TRICHLOROFLUOROMETHANE	12 U [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
VINYL ACETATE	6 U [MDL=0.3]	6 U [MDL=0.3]	6 UJ [MDL=0.3]
VINYL CHLORIDE	12 U [MDL=2]	12 U [MDL=2]	12 UJ [MDL=2]
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	390 U [MDL=200]	400 U [MDL=200]	380 U [MDL=190]
2-METHYLNAPHTHALENE	390 U [MDL=67]	400 U [MDL=68]	380 U [MDL=66]
ACENAPHTHENE	390 U [MDL=71]	400 U [MDL=72]	380 U [MDL=70]
ACENAPHTHYLENE	390 U [MDL=48]	400 U [MDL=49]	380 U [MDL=47]
ANTHRACENE	390 U [MDL=69]	400 U [MDL=70]	380 U [MDL=68]
BAP EQUIVALENT-HALFND	390 U [MDL=54]	400 U [MDL=55]	380 U [MDL=53]
BAP EQUIVALENT-POS	390 U [MDL=54]	400 U [MDL=55]	380 U [MDL=53]
BAP EQUIVALENT-UCL	50.760342 [MDL=54]	40.472406 [MDL=55]	32.894335 [MDL=53]
BENZO(A)ANTHRACENE	390 U [MDL=70]	400 U [MDL=71]	380 U [MDL=69]
BENZO(A)PYRENE	390 U [MDL=54]	400 U [MDL=55]	380 U [MDL=53]
BENZO(B)FLUORANTHENE	390 U [MDL=76]	400 U [MDL=77]	380 U [MDL=75]
BENZO(G,H,I)PERYLENE	390 U [MDL=150]	400 U [MDL=160]	380 U [MDL=150]
BENZO(K)FLUORANTHENE	390 U [MDL=70]	400 U [MDL=71]	380 U [MDL=68]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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LOCATION	SB-298	SB-298	SB-299
SAMPLE ID	SB-298-0405	SB-298-0910	SB-299-0405
SAMPLE DATE	11/1/2005	11/1/2005	11/1/2005
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	390 U [MDL=78]	400 U [MDL=79]	380 U [MDL=76]
DIBENZO(A,H)ANTHRACENE	390 U [MDL=170]	400 U [MDL=170]	380 U [MDL=160]
FLUORANTHENE	390 U [MDL=84]	400 U [MDL=86]	380 U [MDL=83]
FLUORENE	390 U [MDL=62]	400 U [MDL=64]	380 U [MDL=61]
INDENO(1,2,3-CD)PYRENE	390 U [MDL=160]	400 U [MDL=160]	380 U [MDL=160]
NAPHTHALENE	390 U [MDL=76]	400 U [MDL=77]	380 U [MDL=74]
PHENANTHRENE	390 U [MDL=68]	400 U [MDL=70]	380 U [MDL=67]
PYRENE	390 U [MDL=85]	400 U [MDL=87]	380 U [MDL=84]
TOTAL PAHS	0 U [MDL=54]	0 U [MDL=55]	0 U [MDL=53]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1221	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1232	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1242	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1248	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1254	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1260	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-298 SB-298-0405 11/1/2005	SB-298 SB-298-0910 11/1/2005	SB-299 SB-299-0405 11/1/2005
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=20]	0 U [MDL=20]	0 U [MDL=20]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	2800 U [MDL=2.3]	2900 U [MDL=2.4]	2700 U [MDL=2.3]
TPH (C09-C36)	3600 B [MDL=2.1]	2800 B [MDL=2.1]	2900 B [MDL=2]

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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LOCATION	SB-299	SB-382	SB-382
SAMPLE ID	SB-299-0910	SB-382-0102	SB-382-0203
SAMPLE DATE	11/1/2005	10/15/2007	10/15/2007
METALS (MG/KG)			
ANTIMONY	0.84 UL [MDL=0.84]	--	--
ARSENIC	2.2 K [MDL=0.71]	--	--
BARIUM	42.2 [MDL=0.06]	--	--
BERYLLIUM	2.6 [MDL=0.04]	--	--
CADMIUM	0.08 U [MDL=0.08]	--	--
CHROMIUM	16.0 K [MDL=0.1]	--	--
COBALT	9.3 [MDL=0.11]	--	--
COPPER	11.2 [MDL=0.36]	--	--
LEAD	11.2 [MDL=0.34]	--	--
MERCURY	0.01 B [MDL=0.01]	--	--
MOLYBDENUM	0.20 U [MDL=0.2]	--	--
NICKEL	18.1 [MDL=0.16]	--	--
SELENIUM	0.73 UL [MDL=0.73]	--	--
SILVER	0.11 U [MDL=0.11]	--	--
THALLIUM	2.0 B [MDL=1.25]	--	--
VANADIUM	20.7 [MDL=0.28]	--	--
ZINC	42.7 [MDL=0.12]	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	--	85.6 [MDL=10]	76.2 [MDL=10]
TOTAL SOLIDS (%)	85 [--]	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	390 U [MDL=51]	--	--
1,2-DICHLOROBENZENE	390 U [MDL=50]	--	--
1,3-DICHLOROBENZENE	390 U [MDL=62]	--	--
1,4-DICHLOROBENZENE	390 U [MDL=30]	--	--
1,4-DIOXANE	390 U [MDL=190]	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	390 U [MDL=36]	--	--
2,4,5-TRICHLOROPHENOL	960 U [MDL=210]	--	--
2,4,6-TRICHLOROPHENOL	390 U [MDL=140]	--	--
2,4-DICHLOROPHENOL	390 U [MDL=160]	--	--
2,4-DIMETHYLPHENOL	390 U [MDL=140]	--	--
2,4-DINITROPHENOL	960 U [MDL=72]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-299 SB-299-0910 11/1/2005	SB-382 SB-382-0102 10/15/2007	SB-382 SB-382-0203 10/15/2007
2,4-DINITROTOLUENE	390 U [MDL=110]	--	--
2,6-DINITROTOLUENE	390 U [MDL=91]	--	--
2-CHLORONAPHTHALENE	390 U [MDL=57]	--	--
2-CHLOROPHENOL	390 U [MDL=100]	--	--
2-METHYLPHENOL	390 U [MDL=160]	--	--
2-NITROANILINE	960 U [MDL=88]	--	--
2-NITROPHENOL	390 U [MDL=120]	--	--
3&4-METHYLPHENOL	390 U [MDL=180]	--	--
3,3'-DICHLOROBENZIDINE	390 U [MDL=160]	--	--
3-NITROANILINE	960 U [MDL=84]	--	--
4,6-DINITRO-2-METHYLPHENOL	960 U [MDL=240]	--	--
4-BROMOPHENYL PHENYL ETHER	390 U [MDL=65]	--	--
4-CHLORO-3-METHYLPHENOL	390 U [MDL=140]	--	--
4-CHLOROANILINE	390 U [MDL=63]	--	--
4-CHLOROPHENYL PHENYL ETHER	390 U [MDL=59]	--	--
4-NITROANILINE	960 U [MDL=100]	--	--
4-NITROPHENOL	960 U [MDL=180]	--	--
ACETOPHENONE	--	--	--
ANILINE	390 U [MDL=190]	--	--
ATRAZINE	--	--	--
AZOBENZENE	390 U [MDL=190]	--	--
BENZIDINE	960 U [MDL=480]	--	--
BENZOIC ACID	960 UJ [MDL=480]	--	--
BENZYL ALCOHOL	390 U [MDL=36]	--	--
BIS(2-CHLOROETHOXY)METHANE	390 U [MDL=62]	--	--
BIS(2-CHLOROETHYL)ETHER	390 U [MDL=39]	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	390 U [MDL=87]	--	--
BUTYL BENZYL PHTHALATE	390 U [MDL=80]	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	390 U [MDL=70]	--	--
DIBENZOFURAN	390 U [MDL=73]	--	--
DIETHYL PHTHALATE	390 U [MDL=120]	--	--
DIMETHYL PHTHALATE	390 U [MDL=73]	--	--
DI-N-BUTYL PHTHALATE	390 U [MDL=99]	--	--
DI-N-OCTYL PHTHALATE	390 U [MDL=87]	--	--
HEXACHLOROBENZENE	390 U [MDL=270]	--	--
HEXACHLOROBUTADIENE	390 U [MDL=51]	--	--
HEXACHLOROCYCLOPENTADIENE	390 UJ [MDL=88]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-299 SB-299-0910 11/1/2005	SB-382 SB-382-0102 10/15/2007	SB-382 SB-382-0203 10/15/2007
HEXACHLOROETHANE	390 U [MDL=71]	--	--
ISOPHORONE	390 U [MDL=61]	--	--
NITROBENZENE	390 U [MDL=87]	--	--
N-NITROSODIMETHYLAMINE	390 U [MDL=190]	--	--
N-NITROSO-DI-N-PROPYLAMINE	390 U [MDL=66]	--	--
N-NITROSODIPHENYLAMINE	390 U [MDL=85]	--	--
PENTACHLOROPHENOL	960 U [MDL=160]	--	--
PHENOL	390 U [MDL=110]	--	--
PYRIDINE	390 U [MDL=190]	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	6 U [MDL=0.6]	--	--
1,1,1-TRICHLOROETHANE	6 U [MDL=2]	--	--
1,1,2,2-TETRACHLOROETHANE	6 U [MDL=1]	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	6 U [MDL=2]	--	--
1,1-DICHLOROETHANE	6 U [MDL=1]	--	--
1,1-DICHLOROETHENE	6 U [MDL=1]	--	--
1,1-DICHLOROPROPENE	6 U [MDL=2]	--	--
1,2,3-TRICHLOROBENZENE	6 U [MDL=2]	--	--
1,2,3-TRICHLOROPROPANE	6 U [MDL=0.9]	--	--
1,2,3-TRIMETHYLBENZENE	6 U [MDL=0.4]	--	--
1,2,4-TRICHLOROBENZENE	6 U [MDL=1]	--	--
1,2,4-TRIMETHYLBENZENE	6 U [MDL=0.6]	--	--
1,2-DIBROMO-3-CHLOROPROPANE	6 U [MDL=0.9]	--	--
1,2-DIBROMOETHANE	6 U [MDL=0.5]	--	--
1,2-DICHLOROBENZENE	6 U [MDL=0.3]	--	--
1,2-DICHLOROETHANE	6 U [MDL=0.7]	--	--
1,2-DICHLOROPROPANE	6 U [MDL=0.8]	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	6 U [MDL=0.4]	--	--
1,3-DICHLOROPROPANE	6 U [MDL=0.4]	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	6 U [MDL=0.3]	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	6 U [MDL=2]	--	--
2-BUTANONE	29 UR [MDL=4]	--	--
2-CHLOROETHYL VINYL ETHER	6 U [MDL=1]	--	--
2-CHLOROTOLUENE	6 U [MDL=0.8]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-299 SB-299-0910 11/1/2005	SB-382 SB-382-0102 10/15/2007	SB-382 SB-382-0203 10/15/2007
2-HEXANONE	29 U [MDL=5]	--	--
4-CHLOROTOLUENE	6 U [MDL=0.6]	--	--
4-ISOPROPYLTOLUENE	6 U [MDL=0.8]	--	--
4-METHYL-2-PENTANONE	29 U [MDL=5]	--	--
ACETONE	16 B [MDL=5]	--	--
BENZENE	6 U [MDL=1]	--	--
BROMOBENZENE	6 U [MDL=1]	--	--
BROMOCHLOROMETHANE	6 U [MDL=1]	--	--
BROMODICHLOROMETHANE	6 U [MDL=0.6]	--	--
BROMOFORM	6 U [MDL=0.7]	--	--
BROMOMETHANE	12 U [MDL=2]	--	--
CARBON DISULFIDE	6 U [MDL=2]	--	--
CARBON TETRACHLORIDE	6 U [MDL=4]	--	--
CHLOROBENZENE	6 U [MDL=0.8]	--	--
CHLORODIBROMOMETHANE	6 U [MDL=0.6]	--	--
CHLOROETHANE	12 U [MDL=2]	--	--
CHLOROFORM	6 U [MDL=1]	--	--
CHLOROMETHANE	12 UJ [MDL=1]	--	--
CIS-1,2-DICHLOROETHENE	6 U [MDL=0.8]	--	--
CIS-1,3-DICHLOROPROPENE	6 U [MDL=0.4]	--	--
DIBROMOMETHANE	6 U [MDL=0.5]	--	--
DICHLORODIFLUOROMETHANE	12 U [MDL=2]	--	--
DIISOPROPYL ETHER	6 U [MDL=0.4]	--	--
ETHYL TERT-BUTYL ETHER	6 U [MDL=0.3]	--	--
ETHYLBENZENE	6 U [MDL=0.9]	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	6 U [MDL=0.9]	--	--
ISOPROPYLBENZENE	6 U [MDL=0.9]	--	--
M+P-XYLENES	12 U [MDL=2]	--	--
METHYL TERT-BUTYL ETHER	12 U [MDL=0.8]	--	--
METHYLENE CHLORIDE	7 B [MDL=2]	--	--
NAPHTHALENE	6 U [MDL=2]	--	--
N-BUTYLBENZENE	6 U [MDL=0.8]	--	--
N-PROPYLBENZENE	6 U [MDL=0.8]	--	--
O-XYLENE	6 U [MDL=0.7]	--	--
SEC-BUTYLBENZENE	6 U [MDL=1]	--	--
STYRENE	6 U [MDL=0.4]	--	--
TERT-AMYL METHYL ETHER	6 U [MDL=0.4]	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-299 SB-299-0910 11/1/2005	SB-382 SB-382-0102 10/15/2007	SB-382 SB-382-0203 10/15/2007
TERT-BUTYLBENZENE	6 U [MDL=0.8]	--	--
TERTIARY-BUTYL ALCOHOL	12 UR [MDL=8]	--	--
TETRACHLOROETHENE	6 U [MDL=1]	--	--
TOLUENE	6 U [MDL=1]	--	--
TOTAL 1,2-DICHLOROETHENE	12 U [MDL=2]	--	--
TOTAL XYLENES	18 U [MDL=2]	--	--
TRANS-1,2-DICHLOROETHENE	6 U [MDL=1]	--	--
TRANS-1,3-DICHLOROPROPENE	6 U [MDL=0.6]	--	--
TRICHLOROETHENE	6 U [MDL=0.9]	--	--
TRICHLOROFLUOROMETHANE	12 U [MDL=2]	--	--
VINYL ACETATE	6 U [MDL=0.3]	--	--
VINYL CHLORIDE	12 U [MDL=2]	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	390 U [MDL=190]	--	--
2-METHYLNAPHTHALENE	390 U [MDL=67]	--	--
ACENAPHTHENE	390 U [MDL=70]	--	--
ACENAPHTHYLENE	390 U [MDL=47]	--	--
ANTHRACENE	390 U [MDL=68]	--	--
BAP EQUIVALENT-HALFND	390 U [MDL=53]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]
BAP EQUIVALENT-POS	390 U [MDL=53]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]
BAP EQUIVALENT-UCL	54.343864 [MDL=53]	0.086021 [MDL=1.5]	0.298749 [MDL=1.7]
BENZO(A)ANTHRACENE	390 U [MDL=69]	--	--
BENZO(A)PYRENE	390 U [MDL=53]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]
BENZO(B)FLUORANTHENE	390 U [MDL=75]	--	--
BENZO(G,H,I)PERYLENE	390 U [MDL=150]	--	--
BENZO(K)FLUORANTHENE	390 U [MDL=69]	--	--
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-299 SB-299-0910 11/1/2005	SB-382 SB-382-0102 10/15/2007	SB-382 SB-382-0203 10/15/2007
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	390 U [MDL=77]	--	--
DIBENZO(A,H)ANTHRACENE	390 U [MDL=160]	--	--
FLUORANTHENE	390 U [MDL=83]	--	--
FLUORENE	390 U [MDL=62]	--	--
INDENO(1,2,3-CD)PYRENE	390 U [MDL=160]	--	--
NAPHTHALENE	390 U [MDL=75]	--	--
PHENANTHRENE	390 U [MDL=68]	--	--
PYRENE	390 U [MDL=85]	--	--
TOTAL PAHS	0 U [MDL=53]	0 U [MDL=1.5]	0 U [MDL=1.7]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	20 U [MDL=20]	39 U [MDL=13]	43 U [MDL=14]
AROCLOR-1221	20 U [MDL=20]	39 U [MDL=15]	43 U [MDL=17]
AROCLOR-1232	20 U [MDL=20]	39 U [MDL=14]	43 U [MDL=16]
AROCLOR-1242	20 U [MDL=20]	39 U [MDL=16]	43 U [MDL=18]
AROCLOR-1248	20 U [MDL=20]	39 U [MDL=18]	43 U [MDL=20]
AROCLOR-1254	20 U [MDL=20]	39 U [MDL=10]	43 U [MDL=12]
AROCLOR-1260	20 U [MDL=20]	39 U [MDL=11]	43 U [MDL=13]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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SOIL			
LOCATION	SB-299	SB-382	SB-382
SAMPLE ID	SB-299-0910	SB-382-0102	SB-382-0203
SAMPLE DATE	11/1/2005	10/15/2007	10/15/2007
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=20]	0 U [MDL=13]	0 U [MDL=14]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	2800 U [MDL=2.3]	--	--
TPH (C09-C36)	2900 B [MDL=2]	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-382 SB-382-0405 10/15/2007	SB-382 SB-382-0708 10/15/2007	SB-383 SB-383-0102 10/15/2007
METALS (MG/KG)			
ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	--	--	--
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--
MISCELLANEOUS PARAMETERS			
PERCENT SOLIDS (%)	80.4 [MDL=10]	79.2 [MDL=10]	88 [MDL=10]
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--
SEMIVOLATILES (UG/KG)			
1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-382 SB-382-0405 10/15/2007	SB-382 SB-382-0708 10/15/2007	SB-383 SB-383-0102 10/15/2007
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-382 SB-382-0405 10/15/2007	SB-382 SB-382-0708 10/15/2007	SB-383 SB-383-0102 10/15/2007
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-382 SB-382-0405 10/15/2007	SB-382 SB-382-0708 10/15/2007	SB-383 SB-383-0102 10/15/2007
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-382 SB-382-0405 10/15/2007	SB-382 SB-382-0708 10/15/2007	SB-383 SB-383-0102 10/15/2007
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)			
1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	19000 [MDL=30]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	19000 [MDL=30]
BAP EQUIVALENT-UCL	0.030766 [MDL=1.6]	0.037361 [MDL=1.6]	19000 [MDL=30]
BENZO(A)ANTHRACENE	--	--	--
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	19000 [MDL=30]
BENZO(B)FLUORANTHENE	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-382 SB-382-0405 10/15/2007	SB-382 SB-382-0708 10/15/2007	SB-383 SB-383-0102 10/15/2007
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--
CHRYSENE	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--
NAPHTHALENE	--	--	--
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.6]	19000 [MDL=30]
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	41 U [MDL=14]	42 U [MDL=14]	37 U [MDL=12]
AROCLOR-1221	41 U [MDL=16]	42 U [MDL=16]	37 U [MDL=15]
AROCLOR-1232	41 U [MDL=15]	42 U [MDL=15]	37 U [MDL=14]
AROCLOR-1242	41 U [MDL=17]	42 U [MDL=18]	37 U [MDL=16]
AROCLOR-1248	41 U [MDL=19]	42 U [MDL=19]	37 U [MDL=17]
AROCLOR-1254	41 U [MDL=11]	42 U [MDL=11]	37 U [MDL=10]
AROCLOR-1260	41 U [MDL=12]	42 U [MDL=12]	34 J [MDL=11]
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-382 SB-382-0405 10/15/2007	SB-382 SB-382-0708 10/15/2007	SB-383 SB-383-0102 10/15/2007
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	0 U [MDL=14]	0 U [MDL=14]	34 [MDL=12]
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.
[MDL=1.4] = Laboratory method detection limit
[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:
Blank (i.e., no qualifier) = the chemical was detected.
J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.
U = The chemical was not detected.
L = The chemical result was positively detected and biased low.
UR = The chemical was nondetected and rejected.
UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.
K = The chemical result was positively detected and biased high.
UL = The chemical was nondetected and the concentration reported is an biased low.
B = The chemical result was present as a laboratory artifact.

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SOIL

LOCATION	SB-383	SB-383
SAMPLE ID	F-SB-383RE-3	F-SB-383RE-4
SAMPLE DATE	9/18/2009	9/18/2009
METALS (MG/KG)		
ANTIMONY	--	--
ARSENIC	--	--
BARIUM	--	--
BERYLLIUM	--	--
CADMIUM	--	--
CHROMIUM	--	--
COBALT	--	--
COPPER	--	--
LEAD	--	--
MERCURY	--	--
MOLYBDENUM	--	--
NICKEL	--	--
SELENIUM	--	--
SILVER	--	--
THALLIUM	--	--
VANADIUM	--	--
ZINC	--	--
MISCELLANEOUS PARAMETERS		
PERCENT SOLIDS (%)	--	--
TOTAL SOLIDS (%)	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--
PH (S.U.)	--	--
MERCURY (METHYL) (UG/KG)	--	--
SEMIVOLATILES (UG/KG)		
1,1-BIPHENYL	--	--
1,2,4-TRICHLOROBENZENE	--	--
1,2-DICHLOROBENZENE	--	--
1,3-DICHLOROBENZENE	--	--
1,4-DICHLOROBENZENE	--	--
1,4-DIOXANE	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--
2,4,5-TRICHLOROPHENOL	--	--
2,4,6-TRICHLOROPHENOL	--	--
2,4-DICHLOROPHENOL	--	--
2,4-DIMETHYLPHENOL	--	--
2,4-DINITROPHENOL	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 F-SB-383RE-3 9/18/2009	SB-383 F-SB-383RE-4 9/18/2009
2,4-DINITROTOLUENE	--	--
2,6-DINITROTOLUENE	--	--
2-CHLORONAPHTHALENE	--	--
2-CHLOROPHENOL	--	--
2-METHYLPHENOL	--	--
2-NITROANILINE	--	--
2-NITROPHENOL	--	--
3&4-METHYLPHENOL	--	--
3,3'-DICHLOROBENZIDINE	--	--
3-NITROANILINE	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--
4-BROMOPHENYL PHENYL ETHER	--	--
4-CHLORO-3-METHYLPHENOL	--	--
4-CHLOROANILINE	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--
4-NITROANILINE	--	--
4-NITROPHENOL	--	--
ACETOPHENONE	--	--
ANILINE	--	--
ATRAZINE	--	--
AZOBENZENE	--	--
BENZIDINE	--	--
BENZOIC ACID	--	--
BENZYL ALCOHOL	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--
BIS(2-CHLOROETHYL)ETHER	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--
BUTYL BENZYL PHTHALATE	--	--
CAPROLACTAM	--	--
CARBAZOLE	--	--
DIBENZOFURAN	--	--
DIETHYL PHTHALATE	--	--
DIMETHYL PHTHALATE	--	--
DI-N-BUTYL PHTHALATE	--	--
DI-N-OCTYL PHTHALATE	--	--
HEXACHLOROBENZENE	--	--
HEXACHLOROBUTADIENE	--	--
HEXACHLOROCYCLOPENTADIENE	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 F-SB-383RE-3 9/18/2009	SB-383 F-SB-383RE-4 9/18/2009
HEXACHLOROETHANE	--	--
ISOPHORONE	--	--
NITROBENZENE	--	--
N-NITROSODIMETHYLAMINE	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--
N-NITROSODIPHENYLAMINE	--	--
PENTACHLOROPHENOL	--	--
PHENOL	--	--
PYRIDINE	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--
1,1,1-TRICHLOROETHANE	--	--
1,1,2,2-TETRACHLOROETHANE	--	--
1,1,2-TRICHLOROETHANE	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--
1,1-DICHLOROETHANE	--	--
1,1-DICHLOROETHENE	--	--
1,1-DICHLOROPROPENE	--	--
1,2,3-TRICHLOROBENZENE	--	--
1,2,3-TRICHLOROPROPANE	--	--
1,2,3-TRIMETHYLBENZENE	--	--
1,2,4-TRICHLOROBENZENE	--	--
1,2,4-TRIMETHYLBENZENE	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--
1,2-DIBROMOETHANE	--	--
1,2-DICHLOROBENZENE	--	--
1,2-DICHLOROETHANE	--	--
1,2-DICHLOROPROPANE	--	--
1,3,5-TRIMETHYLBENZENE	--	--
1,3-DICHLOROBENZENE	--	--
1,3-DICHLOROPROPANE	--	--
1,3-DICHLOROPROPENE	--	--
1,4-DICHLOROBENZENE	--	--
1,4-DIOXANE	--	--
2,2-DICHLOROPROPANE	--	--
2-BUTANONE	--	--
2-CHLOROETHYL VINYL ETHER	--	--
2-CHLOROTOLUENE	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 F-SB-383RE-3 9/18/2009	SB-383 F-SB-383RE-4 9/18/2009
2-HEXANONE	--	--
4-CHLOROTOLUENE	--	--
4-ISOPROPYLTOLUENE	--	--
4-METHYL-2-PENTANONE	--	--
ACETONE	--	--
BENZENE	--	--
BROMOBENZENE	--	--
BROMOCHLOROMETHANE	--	--
BROMODICHLOROMETHANE	--	--
BROMOFORM	--	--
BROMOMETHANE	--	--
CARBON DISULFIDE	--	--
CARBON TETRACHLORIDE	--	--
CHLOROBENZENE	--	--
CHLORODIBROMOMETHANE	--	--
CHLOROETHANE	--	--
CHLOROFORM	--	--
CHLOROMETHANE	--	--
CIS-1,2-DICHLOROETHENE	--	--
CIS-1,3-DICHLOROPROPENE	--	--
DIBROMOMETHANE	--	--
DICHLORODIFLUOROMETHANE	--	--
DIISOPROPYL ETHER	--	--
ETHYL TERT-BUTYL ETHER	--	--
ETHYLBENZENE	--	--
FLUORODICHLOROMETHANE	--	--
HEXACHLOROBUTADIENE	--	--
ISOPROPYLBENZENE	--	--
M+P-XYLENES	--	--
METHYL TERT-BUTYL ETHER	--	--
METHYLENE CHLORIDE	--	--
NAPHTHALENE	--	--
N-BUTYLBENZENE	--	--
N-PROPYLBENZENE	--	--
O-XYLENE	--	--
SEC-BUTYLBENZENE	--	--
STYRENE	--	--
TERT-AMYL METHYL ETHER	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 F-SB-383RE-3 9/18/2009	SB-383 F-SB-383RE-4 9/18/2009
TERT-BUTYLBENZENE	--	--
TERTIARY-BUTYL ALCOHOL	--	--
TETRACHLOROETHENE	--	--
TOLUENE	--	--
TOTAL 1,2-DICHLOROETHENE	--	--
TOTAL XYLENES	--	--
TRANS-1,2-DICHLOROETHENE	--	--
TRANS-1,3-DICHLOROPROPENE	--	--
TRICHLOROETHENE	--	--
TRICHLOROFLUOROMETHANE	--	--
VINYL ACETATE	--	--
VINYL CHLORIDE	--	--
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)		
1-METHYLNAPHTHALENE	--	--
2-METHYLNAPHTHALENE	--	--
ACENAPHTHENE	--	--
ACENAPHTHYLENE	--	--
ANTHRACENE	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--
BENZO(A)ANTHRACENE	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]
BENZO(A)PYRENE	1.60 U [MDL=1.6]	1.50 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.40 U [MDL=1.4]	1.40 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--
BENZO(K)FLUORANTHENE	2.00 U [MDL=2]	2.00 U [MDL=2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--
C1-FLUORANTHENES/PYRENES	--	--
C1-FLUORENES	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--
C2-FLUORENES	--	--
C2-NAPHTHALENES	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--
C3-FLUORENES	--	--
C3-NAPHTHALENES	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 F-SB-383RE-3 9/18/2009	SB-383 F-SB-383RE-4 9/18/2009
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--
C4-NAPHTHALENES	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--
CHRYSENE	1.10 U [MDL=1.1]	1.00 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.60 U [MDL=1.6]	1.50 U [MDL=1.5]
FLUORANTHENE	--	--
FLUORENE	--	--
INDENO(1,2,3-CD)PYRENE	1.80 U [MDL=1.8]	1.70 U [MDL=1.7]
NAPHTHALENE	--	--
PHENANTHRENE	--	--
PYRENE	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)		
4,4'-DDD	--	--
4,4'-DDE	--	--
4,4'-DDT	--	--
ALDRIN	--	--
ALPHA-BHC	--	--
ALPHA-CHLORDANE	--	--
AROCLOR-1016	--	--
AROCLOR-1221	--	--
AROCLOR-1232	--	--
AROCLOR-1242	--	--
AROCLOR-1248	--	--
AROCLOR-1254	--	--
AROCLOR-1260	--	--
BETA-BHC	--	--
DELTA-BHC	--	--
DIELDRIN	--	--
ENDOSULFAN I	--	--
ENDOSULFAN II	--	--
ENDOSULFAN SULFATE	--	--
ENDRIN	--	--
ENDRIN ALDEHYDE	--	--
ENDRIN KETONE	--	--
GAMMA-BHC (LINDANE)	--	--
GAMMA-CHLORDANE	--	--
HEPTACHLOR	--	--

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SOIL

LOCATION	SB-383	SB-383
SAMPLE ID	F-SB-383RE-3	F-SB-383RE-4
SAMPLE DATE	9/18/2009	9/18/2009
HEPTACHLOR EPOXIDE	--	--
METHOXYCHLOR	--	--
TOTAL AROCLOR	--	--
TOTAL DDT POS	--	--
TOXAPHENE	--	--
PETROLEUM HYDROCARBONS (UG/KG)		
DIESEL RANGE ORGANICS	--	--
GASOLINE RANGE ORGANICS	--	--
TPH (C09-C36)	--	--

SOIL Footnotes:

-- = The chemical was not analyzed or no value was available.

[MDL=1.4] = Laboratory method detection limit

[-] = Laboratory method detection limit reported as zero or not available

Data Qualifiers:

Blank (i.e., no qualifier) = the chemical was detected.

J = The chemical was detected but the concentration reported is an estimated value. Bias indeterminate.

U = The chemical was not detected.

L = The chemical result was positively detected and biased low.

UR = The chemical was nondetected and rejected.

UJ = The chemical was nondetected and the concentration reported is an estimated value. Bias indeterminate.

K = The chemical result was positively detected and biased high.

UL = The chemical was nondetected and the concentration reported is an biased low.

B = The chemical result was present as a laboratory artifact.

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-383	SB-383	SB-383	SB-384
SAMPLE ID	SB-383-0203	SB-383-0405	SB-383-0708	SB-384-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	87.2 [MDL=10]	79.2 [MDL=10]	83.1 [MDL=10]	87 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 SB-383-0203 10/15/2007	SB-383 SB-383-0405 10/15/2007	SB-383 SB-383-0708 10/15/2007	SB-384 SB-384-0102 10/15/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 SB-383-0203 10/15/2007	SB-383 SB-383-0405 10/15/2007	SB-383 SB-383-0708 10/15/2007	SB-384 SB-384-0102 10/15/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 SB-383-0203 10/15/2007	SB-383 SB-383-0405 10/15/2007	SB-383 SB-383-0708 10/15/2007	SB-384 SB-384-0102 10/15/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-383 SB-383-0203 10/15/2007	SB-383 SB-383-0405 10/15/2007	SB-383 SB-383-0708 10/15/2007	SB-384 SB-384-0102 10/15/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	51 [MDL=1.5]	38 [MDL=1.6]	10 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	51 [MDL=1.5]	38 [MDL=1.6]	10 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	51 [MDL=1.5]	38 [MDL=1.6]	10 [MDL=1.6]	0.091754 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	51 J [MDL=1.5]	38 J [MDL=1.6]	10 J [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-383 SB-383-0203 10/15/2007	SB-383 SB-383-0405 10/15/2007	SB-383 SB-383-0708 10/15/2007	SB-384 SB-384-0102 10/15/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	51 [MDL=1.5]	38 [MDL=1.6]	10 [MDL=1.6]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	38 U [MDL=13]	42 U [MDL=14]	40 U [MDL=13]	38 U [MDL=13]
AROCLOR-1221	38 U [MDL=15]	42 U [MDL=16]	40 U [MDL=16]	38 U [MDL=15]
AROCLOR-1232	38 U [MDL=14]	42 U [MDL=15]	40 U [MDL=14]	38 U [MDL=14]
AROCLOR-1242	38 U [MDL=16]	42 U [MDL=18]	40 U [MDL=17]	38 U [MDL=16]
AROCLOR-1248	38 U [MDL=17]	42 U [MDL=19]	40 U [MDL=18]	38 U [MDL=17]
AROCLOR-1254	38 U [MDL=10]	42 U [MDL=11]	40 U [MDL=11]	38 U [MDL=10]
AROCLOR-1260	38 U [MDL=11]	42 U [MDL=12]	40 U [MDL=12]	38 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-383	SB-383	SB-383	SB-384
SAMPLE ID	SB-383-0203	SB-383-0405	SB-383-0708	SB-384-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=14]	0 U [MDL=13]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-384	SB-384	SB-384	SB-385
SAMPLE ID	SB-384-0203	SB-384-0405	SB-384-0708	SB-385-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	86 [MDL=10]	84.6 [MDL=10]	76.6 [MDL=10]	92 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-384 SB-384-0203 10/15/2007	SB-384 SB-384-0405 10/15/2007	SB-384 SB-384-0708 10/15/2007	SB-385 SB-385-0102 10/15/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-384 SB-384-0203 10/15/2007	SB-384 SB-384-0405 10/15/2007	SB-384 SB-384-0708 10/15/2007	SB-385 SB-385-0102 10/15/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-384 SB-384-0203 10/15/2007	SB-384 SB-384-0405 10/15/2007	SB-384 SB-384-0708 10/15/2007	SB-385 SB-385-0102 10/15/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-384 SB-384-0203 10/15/2007	SB-384 SB-384-0405 10/15/2007	SB-384 SB-384-0708 10/15/2007	SB-385 SB-385-0102 10/15/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	1.4 U [MDL=1.4]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	1.4 U [MDL=1.4]
BAP EQUIVALENT-UCL	0.097661 [MDL=1.5]	0.103745 [MDL=1.5]	0.511571 [MDL=1.7]	0.011755 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	1.4 U [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-384 SB-384-0203 10/15/2007	SB-384 SB-384-0405 10/15/2007	SB-384 SB-384-0708 10/15/2007	SB-385 SB-385-0102 10/15/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.7]	0 U [MDL=1.4]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	38 U [MDL=13]	39 U [MDL=13]	43 U [MDL=14]	36 U [MDL=12]
AROCLOR-1221	38 U [MDL=15]	39 U [MDL=15]	43 U [MDL=17]	36 U [MDL=14]
AROCLOR-1232	38 U [MDL=14]	39 U [MDL=14]	43 U [MDL=16]	36 U [MDL=13]
AROCLOR-1242	38 U [MDL=16]	39 U [MDL=17]	43 U [MDL=18]	36 U [MDL=15]
AROCLOR-1248	38 U [MDL=17]	39 U [MDL=18]	43 U [MDL=20]	36 U [MDL=16]
AROCLOR-1254	38 U [MDL=10]	39 U [MDL=10]	43 U [MDL=11]	36 U [MDL=9.6]
AROCLOR-1260	38 U [MDL=11]	39 U [MDL=12]	43 U [MDL=13]	36 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-384	SB-384	SB-384	SB-385
SAMPLE ID	SB-384-0203	SB-384-0405	SB-384-0708	SB-385-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=14]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-385	SB-385	SB-385	SB-386
SAMPLE ID	SB-385-0203	SB-385-0405	SB-385-0708	SB-386-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	91 [MDL=10]	93 [MDL=10]	84.7 [MDL=10]	90 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-385 SB-385-0203 10/15/2007	SB-385 SB-385-0405 10/15/2007	SB-385 SB-385-0708 10/15/2007	SB-386 SB-386-0102 10/15/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-385 SB-385-0203 10/15/2007	SB-385 SB-385-0405 10/15/2007	SB-385 SB-385-0708 10/15/2007	SB-386 SB-386-0102 10/15/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-385 SB-385-0203 10/15/2007	SB-385 SB-385-0405 10/15/2007	SB-385 SB-385-0708 10/15/2007	SB-386 SB-386-0102 10/15/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BAP EQUIVALENT-POS	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BAP EQUIVALENT-UCL	0.026144 [MDL=1.4]	0.04356 [MDL=1.4]	0.110007 [MDL=1.5]	0.064087 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-385 SB-385-0203 10/15/2007	SB-385 SB-385-0405 10/15/2007	SB-385 SB-385-0708 10/15/2007	SB-386 SB-386-0102 10/15/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.4]	0 U [MDL=1.4]	0 U [MDL=1.5]	0 U [MDL=1.4]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	36 U [MDL=12]	36 U [MDL=12]	39 U [MDL=13]	37 U [MDL=12]
AROCLOR-1221	36 U [MDL=14]	36 U [MDL=14]	39 U [MDL=15]	37 U [MDL=14]
AROCLOR-1232	36 U [MDL=13]	36 U [MDL=13]	39 U [MDL=14]	37 U [MDL=13]
AROCLOR-1242	36 U [MDL=15]	36 U [MDL=15]	39 U [MDL=17]	37 U [MDL=16]
AROCLOR-1248	36 U [MDL=16]	36 U [MDL=16]	39 U [MDL=18]	37 U [MDL=17]
AROCLOR-1254	36 U [MDL=9.7]	36 U [MDL=9.5]	39 U [MDL=10]	37 U [MDL=9.8]
AROCLOR-1260	36 U [MDL=11]	36 U [MDL=11]	39 U [MDL=12]	37 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-385	SB-385	SB-385	SB-386
SAMPLE ID	SB-385-0203	SB-385-0405	SB-385-0708	SB-386-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=12]	0 U [MDL=12]	0 U [MDL=13]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-386	SB-386	SB-386	SB-387
SAMPLE ID	SB-386-0203	SB-386-0405	SB-386-0708	SB-387-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	89.2 [MDL=10]	89.5 [MDL=10]	84.1 [MDL=10]	93.7 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-386 SB-386-0203 10/15/2007	SB-386 SB-386-0405 10/15/2007	SB-386 SB-386-0708 10/15/2007	SB-387 SB-387-0102 10/15/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	12 [MDL=1.4]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	12 [MDL=1.4]
BAP EQUIVALENT-UCL	0.11645 [MDL=1.5]	0.123076 [MDL=1.5]	0.129889 [MDL=1.5]	12 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	12 J [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-386 SB-386-0203 10/15/2007	SB-386 SB-386-0405 10/15/2007	SB-386 SB-386-0708 10/15/2007	SB-387 SB-387-0102 10/15/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]	12 [MDL=1.4]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	37 U [MDL=12]	37 U [MDL=12]	39 U [MDL=13]	35 U [MDL=12]
AROCLOR-1221	37 U [MDL=15]	37 U [MDL=15]	39 U [MDL=15]	35 U [MDL=14]
AROCLOR-1232	37 U [MDL=13]	37 U [MDL=13]	39 U [MDL=14]	35 U [MDL=13]
AROCLOR-1242	37 U [MDL=16]	37 U [MDL=16]	39 U [MDL=17]	35 U [MDL=15]
AROCLOR-1248	37 U [MDL=17]	37 U [MDL=17]	39 U [MDL=18]	35 U [MDL=16]
AROCLOR-1254	37 U [MDL=9.9]	37 U [MDL=9.8]	39 U [MDL=10]	35 U [MDL=9.4]
AROCLOR-1260	37 U [MDL=11]	37 U [MDL=11]	39 U [MDL=12]	35 U [MDL=10]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-386	SB-386	SB-386	SB-387
SAMPLE ID	SB-386-0203	SB-386-0405	SB-386-0708	SB-387-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=12]	0 U [MDL=12]	0 U [MDL=13]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-387	SB-387	SB-387	SB-388
SAMPLE ID	SB-387-0203	SB-387-0405	SB-387-0708	SB-388-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	91.4 [MDL=10]	84.4 [MDL=10]	88.8 [MDL=10]	93.6 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-387 SB-387-0203 10/15/2007	SB-387 SB-387-0405 10/15/2007	SB-387 SB-387-0708 10/15/2007	SB-388 SB-388-0102 10/15/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-387 SB-387-0203 10/15/2007	SB-387 SB-387-0405 10/15/2007	SB-387 SB-387-0708 10/15/2007	SB-388 SB-388-0102 10/15/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-387 SB-387-0203 10/15/2007	SB-387 SB-387-0405 10/15/2007	SB-387 SB-387-0708 10/15/2007	SB-388 SB-388-0102 10/15/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-387 SB-387-0203 10/15/2007	SB-387 SB-387-0405 10/15/2007	SB-387 SB-387-0708 10/15/2007	SB-388 SB-388-0102 10/15/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	380 [MDL=1.4]
BAP EQUIVALENT-POS	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	380 [MDL=1.4]
BAP EQUIVALENT-UCL	0.087868 [MDL=1.4]	0.13689 [MDL=1.5]	0.144084 [MDL=1.5]	380 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	380 [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-387 SB-387-0203 10/15/2007	SB-387 SB-387-0405 10/15/2007	SB-387 SB-387-0708 10/15/2007	SB-388 SB-388-0102 10/15/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.4]	0 U [MDL=1.5]	0 U [MDL=1.5]	380 [MDL=1.4]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	36 U [MDL=12]	39 U [MDL=13]	37 U [MDL=12]	35 U [MDL=12]
AROCLOR-1221	36 U [MDL=14]	39 U [MDL=15]	37 U [MDL=15]	35 U [MDL=14]
AROCLOR-1232	36 U [MDL=13]	39 U [MDL=14]	37 U [MDL=14]	35 U [MDL=13]
AROCLOR-1242	36 U [MDL=15]	39 U [MDL=17]	37 U [MDL=16]	35 U [MDL=15]
AROCLOR-1248	36 U [MDL=16]	39 U [MDL=18]	37 U [MDL=17]	35 U [MDL=16]
AROCLOR-1254	36 U [MDL=9.6]	39 U [MDL=10]	37 U [MDL=9.9]	35 U [MDL=9.4]
AROCLOR-1260	36 U [MDL=11]	39 U [MDL=12]	37 U [MDL=11]	35 U [MDL=10]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-387	SB-387	SB-387	SB-388
SAMPLE ID	SB-387-0203	SB-387-0405	SB-387-0708	SB-388-0102
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=12]	0 U [MDL=13]	0 U [MDL=12]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-388	SB-388	SB-388	SB-388
SAMPLE ID	SB-388-0203	SB-388-0405	SB-388-0708	F-SB-388RE-3
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	9/21/2009

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	87.6 [MDL=10]	90.8 [MDL=10]	90.3 [MDL=10]	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 SB-388-0203 10/15/2007	SB-388 SB-388-0405 10/15/2007	SB-388 SB-388-0708 10/15/2007	SB-388 F-SB-388RE-3 9/21/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 SB-388-0203 10/15/2007	SB-388 SB-388-0405 10/15/2007	SB-388 SB-388-0708 10/15/2007	SB-388 F-SB-388RE-3 9/21/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 SB-388-0203 10/15/2007	SB-388 SB-388-0405 10/15/2007	SB-388 SB-388-0708 10/15/2007	SB-388 F-SB-388RE-3 9/21/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 SB-388-0203 10/15/2007	SB-388 SB-388-0405 10/15/2007	SB-388 SB-388-0708 10/15/2007	SB-388 F-SB-388RE-3 9/21/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	0.151472 [MDL=1.5]	0.115086 [MDL=1.4]	0.145955 [MDL=1.4]	--
BENZO(A)ANTHRACENE	--	--	--	1.100000 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.500000 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	1.400000 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	2.000000 U [MDL=2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 SB-388-0203 10/15/2007	SB-388 SB-388-0405 10/15/2007	SB-388 SB-388-0708 10/15/2007	SB-388 F-SB-388RE-3 9/21/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	1.000000 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	--	--	--	1.500000 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	1.700000 U [MDL=1.7]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.4]	0 U [MDL=1.4]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	38 U [MDL=13]	36 U [MDL=12]	37 U [MDL=12]	--
AROCLOR-1221	38 U [MDL=15]	36 U [MDL=14]	37 U [MDL=14]	--
AROCLOR-1232	38 U [MDL=14]	36 U [MDL=13]	37 U [MDL=13]	--
AROCLOR-1242	38 U [MDL=16]	36 U [MDL=15]	37 U [MDL=16]	--
AROCLOR-1248	38 U [MDL=17]	36 U [MDL=17]	37 U [MDL=17]	--
AROCLOR-1254	38 U [MDL=10]	36 U [MDL=9.7]	37 U [MDL=9.7]	--
AROCLOR-1260	38 U [MDL=11]	36 U [MDL=11]	37 U [MDL=11]	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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LOCATION	SB-388	SB-388	SB-388	SB-388
SAMPLE ID	SB-388-0203	SB-388-0405	SB-388-0708	F-SB-388RE-3
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	9/21/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=12]	0 U [MDL=12]	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 F-SB-388RE-4 9/21/2009	SB-388 F-SB-388RE-5 9/21/2009	SB-389 SB-389-0102 10/15/2007	SB-389 SB-389-0203 10/15/2007
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	91.2 [MDL=10]	85 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 F-SB-388RE-4 9/21/2009	SB-388 F-SB-388RE-5 9/21/2009	SB-389 SB-389-0102 10/15/2007	SB-389 SB-389-0203 10/15/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 F-SB-388RE-4 9/21/2009	SB-388 F-SB-388RE-5 9/21/2009	SB-389 SB-389-0102 10/15/2007	SB-389 SB-389-0203 10/15/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-388 F-SB-388RE-4 9/21/2009	SB-388 F-SB-388RE-5 9/21/2009	SB-389 SB-389-0102 10/15/2007	SB-389 SB-389-0203 10/15/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-388 F-SB-388RE-4 9/21/2009	SB-388 F-SB-388RE-5 9/21/2009	SB-389 SB-389-0102 10/15/2007	SB-389 SB-389-0203 10/15/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	220 [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	220 [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	220 [MDL=1.4]	0.159057 [MDL=1.5]
BENZO(A)ANTHRACENE	1.100000 U [MDL=1.1]	1.1 U [MDL=1.1]	--	--
BENZO(A)PYRENE	1.500000 U [MDL=1.5]	1.5 U [MDL=1.5]	220 J [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.400000 U [MDL=1.4]	1.4 U [MDL=1.4]	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.900000 U [MDL=1.9]	1.9 U [MDL=1.9]	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-388 F-SB-388RE-4 9/21/2009	SB-388 F-SB-388RE-5 9/21/2009	SB-389 SB-389-0102 10/15/2007	SB-389 SB-389-0203 10/15/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.000000 U [MDL=1]	1.0 U [MDL=1]	--	--
DIBENZO(A,H)ANTHRACENE	1.500000 U [MDL=1.5]	1.5 U [MDL=1.5]	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.700000 U [MDL=1.7]	1.7 U [MDL=1.7]	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	220 [MDL=1.4]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	36 U [MDL=12]	39 U [MDL=13]
AROCLOR-1221	--	--	36 U [MDL=14]	39 U [MDL=15]
AROCLOR-1232	--	--	36 U [MDL=13]	39 U [MDL=14]
AROCLOR-1242	--	--	36 U [MDL=15]	39 U [MDL=16]
AROCLOR-1248	--	--	36 U [MDL=16]	39 U [MDL=18]
AROCLOR-1254	--	--	36 U [MDL=9.6]	39 U [MDL=10]
AROCLOR-1260	--	--	36 U [MDL=11]	39 U [MDL=12]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-388	SB-388	SB-389	SB-389
SAMPLE ID	F-SB-388RE-4	F-SB-388RE-5	SB-389-0102	SB-389-0203
SAMPLE DATE	9/21/2009	9/21/2009	10/15/2007	10/15/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	0 U [MDL=12]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-389	SB-389	SB-389	SB-389
SAMPLE ID	SB-389-0405	SB-389-0708	F-SB-389RE-3	F-SB-389RE-4
SAMPLE DATE	10/15/2007	10/15/2007	9/18/2009	9/18/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	87.5 [MDL=10]	86.4 [MDL=10]	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-389 SB-389-0405 10/15/2007	SB-389 SB-389-0708 10/15/2007	SB-389 F-SB-389RE-3 9/18/2009	SB-389 F-SB-389RE-4 9/18/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-389 SB-389-0405 10/15/2007	SB-389 SB-389-0708 10/15/2007	SB-389 F-SB-389RE-3 9/18/2009	SB-389 F-SB-389RE-4 9/18/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-389 SB-389-0405 10/15/2007	SB-389 SB-389-0708 10/15/2007	SB-389 F-SB-389RE-3 9/18/2009	SB-389 F-SB-389RE-4 9/18/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-389 SB-389-0405 10/15/2007	SB-389 SB-389-0708 10/15/2007	SB-389 F-SB-389RE-3 9/18/2009	SB-389 F-SB-389RE-4 9/18/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	33 [MDL=1.5]	9.7 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	33 [MDL=1.5]	9.7 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	33 [MDL=1.5]	9.7 [MDL=1.5]	--	--
BENZO(A)ANTHRACENE	--	--	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]
BENZO(A)PYRENE	33 J [MDL=1.5]	9.7 J [MDL=1.5]	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	1.40 U [MDL=1.4]	1.40 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	2.00 U [MDL=2]	2.00 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-389 SB-389-0405 10/15/2007	SB-389 SB-389-0708 10/15/2007	SB-389 F-SB-389RE-3 9/18/2009	SB-389 F-SB-389RE-4 9/18/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	--	--	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	1.80 U [MDL=1.8]	1.80 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	33 [MDL=1.5]	9.7 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	38 U [MDL=13]	38 U [MDL=13]	--	--
AROCLOR-1221	38 U [MDL=15]	38 U [MDL=15]	--	--
AROCLOR-1232	38 U [MDL=14]	38 U [MDL=14]	--	--
AROCLOR-1242	38 U [MDL=16]	38 U [MDL=16]	--	--
AROCLOR-1248	38 U [MDL=17]	38 U [MDL=17]	--	--
AROCLOR-1254	38 U [MDL=10]	38 U [MDL=10]	--	--
AROCLOR-1260	38 U [MDL=11]	38 U [MDL=11]	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-389 SB-389-0405 10/15/2007	SB-389 SB-389-0708 10/15/2007	SB-389 F-SB-389RE-3 9/18/2009	SB-389 F-SB-389RE-4 9/18/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-390	SB-390	SB-390	SB-390
SAMPLE ID	SB-390-0102	SB-390-0203	SB-390-0405	SB-390-0708
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	87 [MDL=10]	78.4 [MDL=10]	82.8 [MDL=10]	82.3 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 SB-390-0102 10/15/2007	SB-390 SB-390-0203 10/15/2007	SB-390 SB-390-0405 10/15/2007	SB-390 SB-390-0708 10/15/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 SB-390-0102 10/15/2007	SB-390 SB-390-0203 10/15/2007	SB-390 SB-390-0405 10/15/2007	SB-390 SB-390-0708 10/15/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 SB-390-0102 10/15/2007	SB-390 SB-390-0203 10/15/2007	SB-390 SB-390-0405 10/15/2007	SB-390 SB-390-0708 10/15/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 SB-390-0102 10/15/2007	SB-390 SB-390-0203 10/15/2007	SB-390 SB-390-0405 10/15/2007	SB-390 SB-390-0708 10/15/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	9.9 [MDL=1.5]	1.7 U [MDL=1.7]	990 [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	9.9 [MDL=1.5]	1.7 U [MDL=1.7]	990 [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	9.9 [MDL=1.5]	0.81015 [MDL=1.7]	990 [MDL=1.6]	0.044401 [MDL=1.6]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	9.9 J [MDL=1.5]	1.7 U [MDL=1.7]	990 [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 SB-390-0102 10/15/2007	SB-390 SB-390-0203 10/15/2007	SB-390 SB-390-0405 10/15/2007	SB-390 SB-390-0708 10/15/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	9.9 [MDL=1.5]	0 U [MDL=1.7]	990 [MDL=1.6]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	38 U [MDL=13]	42 U [MDL=14]	40 U [MDL=13]	40 U [MDL=13]
AROCLOR-1221	38 U [MDL=15]	42 U [MDL=17]	40 U [MDL=16]	40 U [MDL=16]
AROCLOR-1232	38 U [MDL=14]	42 U [MDL=15]	40 U [MDL=15]	40 U [MDL=15]
AROCLOR-1242	38 U [MDL=16]	42 U [MDL=18]	40 U [MDL=17]	40 U [MDL=17]
AROCLOR-1248	38 U [MDL=17]	42 U [MDL=19]	40 U [MDL=18]	40 U [MDL=18]
AROCLOR-1254	38 U [MDL=10]	42 U [MDL=11]	40 U [MDL=11]	40 U [MDL=11]
AROCLOR-1260	38 U [MDL=11]	42 U [MDL=12]	40 U [MDL=12]	40 U [MDL=12]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION	SB-390	SB-390	SB-390	SB-390
SAMPLE ID	SB-390-0102	SB-390-0203	SB-390-0405	SB-390-0708
SAMPLE DATE	10/15/2007	10/15/2007	10/15/2007	10/15/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=14]	0 U [MDL=13]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 F-SB-390RE-6 9/18/2009	SB-390 F-SB-390RE-7 9/18/2009	SB-391 SB-391-0102 10/16/2007	SB-391 SB-391-0203 10/16/2007
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	83.6 [MDL=10]	65.8 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 F-SB-390RE-6 9/18/2009	SB-390 F-SB-390RE-7 9/18/2009	SB-391 SB-391-0102 10/16/2007	SB-391 SB-391-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 F-SB-390RE-6 9/18/2009	SB-390 F-SB-390RE-7 9/18/2009	SB-391 SB-391-0102 10/16/2007	SB-391 SB-391-0203 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-390 F-SB-390RE-6 9/18/2009	SB-390 F-SB-390RE-7 9/18/2009	SB-391 SB-391-0102 10/16/2007	SB-391 SB-391-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-390 F-SB-390RE-6 9/18/2009	SB-390 F-SB-390RE-7 9/18/2009	SB-391 SB-391-0102 10/16/2007	SB-391 SB-391-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	2 U [MDL=2]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	2 U [MDL=2]
BAP EQUIVALENT-UCL	--	--	0.051892 [MDL=1.6]	1.222189 [MDL=2]
BENZO(A)ANTHRACENE	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]	--	--
BENZO(A)PYRENE	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]	1.6 U [MDL=1.6]	2 U [MDL=2]
BENZO(B)FLUORANTHENE	1.40 U [MDL=1.4]	1.40 U [MDL=1.4]	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.00 U [MDL=2]	1.90 U [MDL=1.9]	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-390 F-SB-390RE-6 9/18/2009	SB-390 F-SB-390RE-7 9/18/2009	SB-391 SB-391-0102 10/16/2007	SB-391 SB-391-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.00 U [MDL=1]	1.00 U [MDL=1]	--	--
DIBENZO(A,H)ANTHRACENE	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.70 U [MDL=1.7]	1.70 U [MDL=1.7]	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=2]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	39 U [MDL=13]	50 U [MDL=17]
AROCLOR-1221	--	--	39 U [MDL=16]	50 U [MDL=20]
AROCLOR-1232	--	--	39 U [MDL=14]	50 U [MDL=18]
AROCLOR-1242	--	--	39 U [MDL=17]	50 U [MDL=21]
AROCLOR-1248	--	--	39 U [MDL=18]	50 U [MDL=23]
AROCLOR-1254	--	--	39 U [MDL=11]	50 U [MDL=13]
AROCLOR-1260	--	--	39 U [MDL=12]	50 U [MDL=15]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-390	SB-390	SB-391	SB-391
SAMPLE ID	F-SB-390RE-6	F-SB-390RE-7	SB-391-0102	SB-391-0203
SAMPLE DATE	9/18/2009	9/18/2009	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	0 U [MDL=13]	0 U [MDL=17]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-391	SB-391	SB-392	SB-392
SAMPLE ID	SB-391-0405	SB-391-0708	SB-392-0102	SB-392-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	87 [MDL=10]	85.3 [MDL=10]	90.3 [MDL=10]	89.3 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-391 SB-391-0405 10/16/2007	SB-391 SB-391-0708 10/16/2007	SB-392 SB-392-0102 10/16/2007	SB-392 SB-392-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-391	SB-391	SB-392	SB-392
SAMPLE ID	SB-391-0405	SB-391-0708	SB-392-0102	SB-392-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-391 SB-391-0405 10/16/2007	SB-391 SB-391-0708 10/16/2007	SB-392 SB-392-0102 10/16/2007	SB-392 SB-392-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-391 SB-391-0405 10/16/2007	SB-391 SB-391-0708 10/16/2007	SB-392 SB-392-0102 10/16/2007	SB-392 SB-392-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	0.166843 [MDL=1.5]	0.174833 [MDL=1.5]	0.180721 [MDL=1.4]	0.183029 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-391 SB-391-0405 10/16/2007	SB-391 SB-391-0708 10/16/2007	SB-392 SB-392-0102 10/16/2007	SB-392 SB-392-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.4]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	38 U [MDL=13]	39 U [MDL=13]	37 U [MDL=12]	37 U [MDL=12]
AROCLOR-1221	38 U [MDL=15]	39 U [MDL=15]	37 U [MDL=14]	37 U [MDL=15]
AROCLOR-1232	38 U [MDL=14]	39 U [MDL=14]	37 U [MDL=13]	37 U [MDL=13]
AROCLOR-1242	38 U [MDL=16]	39 U [MDL=16]	37 U [MDL=16]	37 U [MDL=16]
AROCLOR-1248	38 U [MDL=17]	39 U [MDL=18]	37 U [MDL=17]	37 U [MDL=17]
AROCLOR-1254	38 U [MDL=10]	39 U [MDL=10]	37 U [MDL=9.8]	37 U [MDL=9.9]
AROCLOR-1260	38 U [MDL=11]	39 U [MDL=11]	37 U [MDL=11]	37 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-391	SB-391	SB-392	SB-392
SAMPLE ID	SB-391-0405	SB-391-0708	SB-392-0102	SB-392-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=12]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-392	SB-392	SB-393	SB-393
SAMPLE ID	SB-392-0405	SB-392-0708	SB-393-0102	SB-393-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	84.9 [MDL=10]	84.4 [MDL=10]	94.6 [MDL=10]	92.6 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-392 SB-392-0405 10/16/2007	SB-392 SB-392-0708 10/16/2007	SB-393 SB-393-0102 10/16/2007	SB-393 SB-393-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-392 SB-392-0405 10/16/2007	SB-392 SB-392-0708 10/16/2007	SB-393 SB-393-0102 10/16/2007	SB-393 SB-393-0203 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-392 SB-392-0405 10/16/2007	SB-392 SB-392-0708 10/16/2007	SB-393 SB-393-0102 10/16/2007	SB-393 SB-393-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-392 SB-392-0405 10/16/2007	SB-392 SB-392-0708 10/16/2007	SB-393 SB-393-0102 10/16/2007	SB-393 SB-393-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	20 [MDL=1.5]	1.5 U [MDL=1.5]	450 [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-POS	20 [MDL=1.5]	1.5 U [MDL=1.5]	450 [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-UCL	20 [MDL=1.5]	0.191435 [MDL=1.5]	450 [MDL=1.4]	0.219655 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	20 J [MDL=1.5]	1.5 U [MDL=1.5]	450 [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-392 SB-392-0405 10/16/2007	SB-392 SB-392-0708 10/16/2007	SB-393 SB-393-0102 10/16/2007	SB-393 SB-393-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	20 [MDL=1.5]	0 U [MDL=1.5]	450 [MDL=1.4]	0 U [MDL=1.4]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	39 U [MDL=13]	39 U [MDL=13]	35 U [MDL=12]	36 U [MDL=12]
AROCLOR-1221	39 U [MDL=15]	39 U [MDL=15]	35 U [MDL=14]	36 U [MDL=14]
AROCLOR-1232	39 U [MDL=14]	39 U [MDL=14]	35 U [MDL=13]	36 U [MDL=13]
AROCLOR-1242	39 U [MDL=16]	39 U [MDL=17]	35 U [MDL=15]	36 U [MDL=15]
AROCLOR-1248	39 U [MDL=18]	39 U [MDL=18]	35 U [MDL=16]	36 U [MDL=16]
AROCLOR-1254	39 U [MDL=10]	39 U [MDL=10]	35 U [MDL=9.3]	36 U [MDL=9.5]
AROCLOR-1260	39 U [MDL=12]	39 U [MDL=12]	22 J [MDL=10]	36 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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LOCATION	SB-392	SB-392	SB-393	SB-393
SAMPLE ID	SB-392-0405	SB-392-0708	SB-393-0102	SB-393-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	22 [MDL=12]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-393	SB-393	SB-393	SB-393
SAMPLE ID	SB-393-0405	SB-393-0708	F-SB-393RE-3	F-SB-393RE-4
SAMPLE DATE	10/16/2007	10/16/2007	9/21/2009	9/21/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	93.5 [MDL=10]	86.9 [MDL=10]	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 SB-393-0405 10/16/2007	SB-393 SB-393-0708 10/16/2007	SB-393 F-SB-393RE-3 9/21/2009	SB-393 F-SB-393RE-4 9/21/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-393 SB-393-0405 10/16/2007	SB-393 SB-393-0708 10/16/2007	SB-393 F-SB-393RE-3 9/21/2009	SB-393 F-SB-393RE-4 9/21/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-393 SB-393-0405 10/16/2007	SB-393 SB-393-0708 10/16/2007	SB-393 F-SB-393RE-3 9/21/2009	SB-393 F-SB-393RE-4 9/21/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 SB-393-0405 10/16/2007	SB-393 SB-393-0708 10/16/2007	SB-393 F-SB-393RE-3 9/21/2009	SB-393 F-SB-393RE-4 9/21/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	7.5 [MDL=1.4]	1.5 U [MDL=1.5]	329.45 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	7.5 [MDL=1.4]	1.5 U [MDL=1.5]	329.45 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	7.5 [MDL=1.4]	0.200054 [MDL=1.5]	--	--
BENZO(A)ANTHRACENE	--	--	230 [MDL=1.1]	1.100000 U [MDL=1.1]
BENZO(A)PYRENE	7.5 J [MDL=1.4]	1.5 U [MDL=1.5]	230 [MDL=1.5]	1.500000 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	270 [MDL=1.4]	1.400000 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	120 [MDL=2]	2.000000 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 SB-393-0405 10/16/2007	SB-393 SB-393-0708 10/16/2007	SB-393 F-SB-393RE-3 9/21/2009	SB-393 F-SB-393RE-4 9/21/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	250 [MDL=1]	1.100000 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	--	--	36 [MDL=1.5]	1.500000 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	120 [MDL=1.7]	1.800000 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	7.5 [MDL=1.4]	0 U [MDL=1.5]	1256 [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	35 U [MDL=12]	38 U [MDL=13]	--	--
AROCLOR-1221	35 U [MDL=14]	38 U [MDL=15]	--	--
AROCLOR-1232	35 U [MDL=13]	38 U [MDL=14]	--	--
AROCLOR-1242	35 U [MDL=15]	38 U [MDL=16]	--	--
AROCLOR-1248	35 U [MDL=16]	38 U [MDL=17]	--	--
AROCLOR-1254	35 U [MDL=9.4]	38 U [MDL=10]	--	--
AROCLOR-1260	35 U [MDL=10]	38 U [MDL=11]	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-393	SB-393	SB-393	SB-393
SAMPLE ID	SB-393-0405	SB-393-0708	F-SB-393RE-3	F-SB-393RE-4
SAMPLE DATE	10/16/2007	10/16/2007	9/21/2009	9/21/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=12]	0 U [MDL=13]	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-393	SB-393	SB-393	SB-393
SAMPLE ID	F-SB-393RE-5	F-SB-393RE-5-D	F-SB-393RE-6	F-SB-393RE-7
SAMPLE DATE	9/21/2009	9/21/2009	9/21/2009	9/21/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 F-SB-393RE-5 9/21/2009	SB-393 F-SB-393RE-5-D 9/21/2009	SB-393 F-SB-393RE-6 9/21/2009	SB-393 F-SB-393RE-7 9/21/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 F-SB-393RE-5 9/21/2009	SB-393 F-SB-393RE-5-D 9/21/2009	SB-393 F-SB-393RE-6 9/21/2009	SB-393 F-SB-393RE-7 9/21/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 F-SB-393RE-5 9/21/2009	SB-393 F-SB-393RE-5-D 9/21/2009	SB-393 F-SB-393RE-6 9/21/2009	SB-393 F-SB-393RE-7 9/21/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 F-SB-393RE-5 9/21/2009	SB-393 F-SB-393RE-5-D 9/21/2009	SB-393 F-SB-393RE-6 9/21/2009	SB-393 F-SB-393RE-7 9/21/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	29.166 [MDL=1.5]	58.486 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	28.416 [MDL=1.5]	57.736 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	21 J [MDL=1.1]	45 J [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	22 J [MDL=1.5]	45 J [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	29 J [MDL=1.4]	52 J [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	9.5 J [MDL=1.9]	29 J [MDL=1.9]	2.0 U [MDL=2]	1.9 U [MDL=1.9]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 F-SB-393RE-5 9/21/2009	SB-393 F-SB-393RE-5-D 9/21/2009	SB-393 F-SB-393RE-6 9/21/2009	SB-393 F-SB-393RE-7 9/21/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	21 J [MDL=1]	46 J [MDL=1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.500000 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	13 J [MDL=1.7]	27 J [MDL=1.7]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	115.5 [MDL=1.5]	244 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-393 F-SB-393RE-5 9/21/2009	SB-393 F-SB-393RE-5-D 9/21/2009	SB-393 F-SB-393RE-6 9/21/2009	SB-393 F-SB-393RE-7 9/21/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-394	SB-394	SB-394	SB-394
SAMPLE ID	SB-394-0102	SB-394-0203	SB-394-0405	SB-394-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	90 [MDL=10]	90.6 [MDL=10]	86.7 [MDL=10]	86.2 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-394 SB-394-0102 10/16/2007	SB-394 SB-394-0203 10/16/2007	SB-394 SB-394-0405 10/16/2007	SB-394 SB-394-0708 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-394 SB-394-0102 10/16/2007	SB-394 SB-394-0203 10/16/2007	SB-394 SB-394-0405 10/16/2007	SB-394 SB-394-0708 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	140 [MDL=1.4]	25 [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	140 [MDL=1.4]	25 [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	140 [MDL=1.4]	25 [MDL=1.4]	0.20889 [MDL=1.5]	0.217946 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	140 J [MDL=1.4]	25 J [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	140 [MDL=1.4]	25 [MDL=1.4]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	37 U [MDL=12]	36 U [MDL=12]	38 U [MDL=13]	38 U [MDL=13]
AROCLOR-1221	37 U [MDL=14]	36 U [MDL=14]	38 U [MDL=15]	38 U [MDL=15]
AROCLOR-1232	37 U [MDL=13]	36 U [MDL=13]	38 U [MDL=14]	38 U [MDL=14]
AROCLOR-1242	37 U [MDL=16]	36 U [MDL=15]	38 U [MDL=16]	38 U [MDL=16]
AROCLOR-1248	37 U [MDL=17]	36 U [MDL=17]	38 U [MDL=17]	38 U [MDL=17]
AROCLOR-1254	37 U [MDL=9.8]	36 U [MDL=9.7]	38 U [MDL=10]	38 U [MDL=10]
AROCLOR-1260	37 U [MDL=11]	36 U [MDL=11]	38 U [MDL=11]	38 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-394 SB-394-0102 10/16/2007	SB-394 SB-394-0203 10/16/2007	SB-394 SB-394-0405 10/16/2007	SB-394 SB-394-0708 10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=12]	0 U [MDL=12]	0 U [MDL=13]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-395	SB-395	SB-395	SB-395
SAMPLE ID	SB-395-0102	SB-395-0203	SB-395-0405	SB-395-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	83.2 [MDL=10]	95.9 [MDL=10]	86.9 [MDL=10]	87 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-395 SB-395-0102 10/16/2007	SB-395 SB-395-0203 10/16/2007	SB-395 SB-395-0405 10/16/2007	SB-395 SB-395-0708 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	0.059841 [MDL=1.6]	0.263062 [MDL=1.4]	0.227226 [MDL=1.5]	0.236732 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-395 SB-395-0102 10/16/2007	SB-395 SB-395-0203 10/16/2007	SB-395 SB-395-0405 10/16/2007	SB-395 SB-395-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.4]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	40 U [MDL=13]	34 U [MDL=11]	38 U [MDL=13]	38 U [MDL=13]
AROCLOR-1221	40 U [MDL=16]	34 U [MDL=14]	38 U [MDL=15]	38 U [MDL=15]
AROCLOR-1232	40 U [MDL=14]	34 U [MDL=13]	38 U [MDL=14]	38 U [MDL=14]
AROCLOR-1242	40 U [MDL=17]	34 U [MDL=15]	38 U [MDL=16]	38 U [MDL=16]
AROCLOR-1248	40 U [MDL=18]	34 U [MDL=16]	38 U [MDL=17]	38 U [MDL=17]
AROCLOR-1254	40 U [MDL=11]	34 U [MDL=9.2]	38 U [MDL=10]	38 U [MDL=10]
AROCLOR-1260	40 U [MDL=12]	34 U [MDL=10]	38 U [MDL=11]	38 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-395	SB-395	SB-395	SB-395
SAMPLE ID	SB-395-0102	SB-395-0203	SB-395-0405	SB-395-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=11]	0 U [MDL=13]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-396	SB-396	SB-396	SB-396
SAMPLE ID	SB-396-0102	SB-396-0203	SB-396-0405	SB-396-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	85.5 [MDL=10]	86 [MDL=10]	84.8 [MDL=10]	83.8 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-396 SB-396-0102 10/16/2007	SB-396 SB-396-0203 10/16/2007	SB-396 SB-396-0405 10/16/2007	SB-396 SB-396-0708 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION	SB-396	SB-396	SB-396	SB-396
SAMPLE ID	SB-396-0102	SB-396-0203	SB-396-0405	SB-396-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-396 SB-396-0102 10/16/2007	SB-396 SB-396-0203 10/16/2007	SB-396 SB-396-0405 10/16/2007	SB-396 SB-396-0708 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-396 SB-396-0102 10/16/2007	SB-396 SB-396-0203 10/16/2007	SB-396 SB-396-0405 10/16/2007	SB-396 SB-396-0708 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	80 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	80 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	80 [MDL=1.5]	0.246469 [MDL=1.5]	0.256441 [MDL=1.5]	0.068255 [MDL=1.6]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	80 J [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-396 SB-396-0102 10/16/2007	SB-396 SB-396-0203 10/16/2007	SB-396 SB-396-0405 10/16/2007	SB-396 SB-396-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	80 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	39 U [MDL=13]	38 U [MDL=13]	39 U [MDL=13]	39 U [MDL=13]
AROCLOR-1221	39 U [MDL=15]	38 U [MDL=15]	39 U [MDL=15]	39 U [MDL=16]
AROCLOR-1232	39 U [MDL=14]	38 U [MDL=14]	39 U [MDL=14]	39 U [MDL=14]
AROCLOR-1242	39 U [MDL=16]	38 U [MDL=16]	39 U [MDL=17]	39 U [MDL=17]
AROCLOR-1248	39 U [MDL=18]	38 U [MDL=17]	39 U [MDL=18]	39 U [MDL=18]
AROCLOR-1254	39 U [MDL=10]	38 U [MDL=10]	39 U [MDL=10]	39 U [MDL=11]
AROCLOR-1260	39 U [MDL=11]	38 U [MDL=11]	39 U [MDL=12]	39 U [MDL=12]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION	SB-396	SB-396	SB-396	SB-396
SAMPLE ID	SB-396-0102	SB-396-0203	SB-396-0405	SB-396-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-397	SB-397	SB-397	SB-397
SAMPLE ID	SB-397-0102	SB-397-0203	SB-397-0405	SB-397-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	95.1 [MDL=10]	89.4 [MDL=10]	95.1 [MDL=10]	85.2 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-397 SB-397-0102 10/16/2007	SB-397 SB-397-0203 10/16/2007	SB-397 SB-397-0405 10/16/2007	SB-397 SB-397-0708 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION	SB-397	SB-397	SB-397	SB-397
SAMPLE ID	SB-397-0102	SB-397-0203	SB-397-0405	SB-397-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-397 SB-397-0102 10/16/2007	SB-397 SB-397-0203 10/16/2007	SB-397 SB-397-0405 10/16/2007	SB-397 SB-397-0708 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-397 SB-397-0102 10/16/2007	SB-397 SB-397-0203 10/16/2007	SB-397 SB-397-0405 10/16/2007	SB-397 SB-397-0708 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	80 [MDL=1.4]	1.5 U [MDL=1.5]	850 [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	80 [MDL=1.4]	1.5 U [MDL=1.5]	850 [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	80 [MDL=1.4]	0.266651 [MDL=1.5]	850 [MDL=1.4]	0.277103 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	80 J [MDL=1.4]	1.5 UJ [MDL=1.5]	850 [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-397 SB-397-0102 10/16/2007	SB-397 SB-397-0203 10/16/2007	SB-397 SB-397-0405 10/16/2007	SB-397 SB-397-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	80 [MDL=1.4]	0 U [MDL=1.5]	850 [MDL=1.4]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	35 U [MDL=12]	37 U [MDL=12]	35 U [MDL=12]	39 U [MDL=13]
AROCLOR-1221	35 U [MDL=14]	37 U [MDL=15]	35 U [MDL=14]	39 U [MDL=15]
AROCLOR-1232	35 U [MDL=13]	37 U [MDL=13]	35 U [MDL=13]	39 U [MDL=14]
AROCLOR-1242	35 U [MDL=15]	37 U [MDL=16]	35 U [MDL=15]	39 U [MDL=16]
AROCLOR-1248	35 U [MDL=16]	37 U [MDL=17]	35 U [MDL=16]	39 U [MDL=18]
AROCLOR-1254	35 U [MDL=9.3]	37 U [MDL=9.8]	35 U [MDL=9.3]	39 U [MDL=10]
AROCLOR-1260	35 U [MDL=10]	37 U [MDL=11]	19 J [MDL=10]	39 U [MDL=12]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION	SB-397	SB-397	SB-397	SB-397
SAMPLE ID	SB-397-0102	SB-397-0203	SB-397-0405	SB-397-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=12]	0 U [MDL=12]	19 [MDL=12]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-397 F-SB-397RE-6 9/21/2009	SB-397 F-SB-397RE-7 9/21/2009	SB-398 SB-398-0102 10/16/2007	SB-398 SB-398-0203 10/16/2007
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	90.9 [MDL=10]	86 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-397 F-SB-397RE-6 9/21/2009	SB-397 F-SB-397RE-7 9/21/2009	SB-398 SB-398-0102 10/16/2007	SB-398 SB-398-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-397 F-SB-397RE-6 9/21/2009	SB-397 F-SB-397RE-7 9/21/2009	SB-398 SB-398-0102 10/16/2007	SB-398 SB-398-0203 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-397 F-SB-397RE-6 9/21/2009	SB-397 F-SB-397RE-7 9/21/2009	SB-398 SB-398-0102 10/16/2007	SB-398 SB-398-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-397 F-SB-397RE-6 9/21/2009	SB-397 F-SB-397RE-7 9/21/2009	SB-398 SB-398-0102 10/16/2007	SB-398 SB-398-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	36.547 [MDL=1.5]	24.798 [MDL=1.5]	29 [MDL=1.4]	33 [MDL=1.5]
BAP EQUIVALENT-POS	35.797 [MDL=1.5]	24.048 [MDL=1.5]	29 [MDL=1.4]	33 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	29 [MDL=1.4]	33 [MDL=1.5]
BENZO(A)ANTHRACENE	27 [MDL=1.1]	18 [MDL=1.1]	--	--
BENZO(A)PYRENE	28 [MDL=1.5]	19 [MDL=1.5]	29 J [MDL=1.4]	33 J [MDL=1.5]
BENZO(B)FLUORANTHENE	34 [MDL=1.4]	21 [MDL=1.4]	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	17 [MDL=2]	13 [MDL=2]	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-397 F-SB-397RE-6 9/21/2009	SB-397 F-SB-397RE-7 9/21/2009	SB-398 SB-398-0102 10/16/2007	SB-398 SB-398-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	27 [MDL=1.1]	18 [MDL=1]	--	--
DIBENZO(A,H)ANTHRACENE	1.500000 U [MDL=1.5]	1.500000 U [MDL=1.5]	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	15 [MDL=1.8]	10 [MDL=1.7]	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	148 [MDL=1.5]	99 [MDL=1.5]	29 [MDL=1.4]	33 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	36 U [MDL=12]	38 U [MDL=13]
AROCLOR-1221	--	--	36 U [MDL=14]	38 U [MDL=15]
AROCLOR-1232	--	--	36 U [MDL=13]	38 U [MDL=14]
AROCLOR-1242	--	--	36 U [MDL=15]	38 U [MDL=16]
AROCLOR-1248	--	--	36 U [MDL=17]	38 U [MDL=17]
AROCLOR-1254	--	--	36 U [MDL=9.7]	38 U [MDL=10]
AROCLOR-1260	--	--	36 U [MDL=11]	38 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-397 F-SB-397RE-6 9/21/2009	SB-397 F-SB-397RE-7 9/21/2009	SB-398 SB-398-0102 10/16/2007	SB-398 SB-398-0203 10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	0 U [MDL=12]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-398	SB-398	SB-399	SB-399
SAMPLE ID	SB-398-0405	SB-398-0708	SB-399-0102	SB-399-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	89.4 [MDL=10]	86.3 [MDL=10]	90.8 [MDL=10]	89.9 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-398 SB-398-0405 10/16/2007	SB-398 SB-398-0708 10/16/2007	SB-399 SB-399-0102 10/16/2007	SB-399 SB-399-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-398	SB-398	SB-399	SB-399
SAMPLE ID	SB-398-0405	SB-398-0708	SB-399-0102	SB-399-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-398 SB-398-0405 10/16/2007	SB-398 SB-398-0708 10/16/2007	SB-399 SB-399-0102 10/16/2007	SB-399 SB-399-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-398 SB-398-0405 10/16/2007	SB-398 SB-398-0708 10/16/2007	SB-399 SB-399-0102 10/16/2007	SB-399 SB-399-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-UCL	0.287801 [MDL=1.5]	0.298749 [MDL=1.5]	0.311271 [MDL=1.4]	0.364645 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-398 SB-398-0405 10/16/2007	SB-398 SB-398-0708 10/16/2007	SB-399 SB-399-0102 10/16/2007	SB-399 SB-399-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.4]	0 U [MDL=1.4]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	37 U [MDL=12]	38 U [MDL=13]	36 U [MDL=12]	37 U [MDL=12]
AROCLOR-1221	37 U [MDL=15]	38 U [MDL=15]	36 U [MDL=14]	37 U [MDL=14]
AROCLOR-1232	37 U [MDL=13]	38 U [MDL=14]	36 U [MDL=13]	37 U [MDL=13]
AROCLOR-1242	37 U [MDL=16]	38 U [MDL=16]	36 U [MDL=15]	37 U [MDL=16]
AROCLOR-1248	37 U [MDL=17]	38 U [MDL=17]	36 U [MDL=17]	37 U [MDL=17]
AROCLOR-1254	37 U [MDL=9.8]	38 U [MDL=10]	36 U [MDL=9.7]	37 U [MDL=9.8]
AROCLOR-1260	37 U [MDL=11]	38 U [MDL=11]	36 U [MDL=11]	37 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-398	SB-398	SB-399	SB-399
SAMPLE ID	SB-398-0405	SB-398-0708	SB-399-0102	SB-399-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=12]	0 U [MDL=13]	0 U [MDL=12]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-399	SB-399	SB-400	SB-400
SAMPLE ID	SB-399-0405	SB-399-0708	SB-400-0102	SB-400-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	84.5 [MDL=10]	83.3 [MDL=10]	91.6 [MDL=10]	92.1 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-399 SB-399-0405 10/16/2007	SB-399 SB-399-0708 10/16/2007	SB-400 SB-400-0102 10/16/2007	SB-400 SB-400-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-399 SB-399-0405 10/16/2007	SB-399 SB-399-0708 10/16/2007	SB-400 SB-400-0102 10/16/2007	SB-400 SB-400-0203 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-399 SB-399-0405 10/16/2007	SB-399 SB-399-0708 10/16/2007	SB-400 SB-400-0102 10/16/2007	SB-400 SB-400-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-399 SB-399-0405 10/16/2007	SB-399 SB-399-0708 10/16/2007	SB-400 SB-400-0102 10/16/2007	SB-400 SB-400-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	22 [MDL=1.5]	1.6 U [MDL=1.6]	9.1 [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-POS	22 [MDL=1.5]	1.6 U [MDL=1.6]	9.1 [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-UCL	22 [MDL=1.5]	0.077146 [MDL=1.6]	9.1 [MDL=1.4]	0.423582 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	22 J [MDL=1.5]	1.6 U [MDL=1.6]	9.1 J [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-399 SB-399-0405 10/16/2007	SB-399 SB-399-0708 10/16/2007	SB-400 SB-400-0102 10/16/2007	SB-400 SB-400-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	22 [MDL=1.5]	0 U [MDL=1.6]	9.1 [MDL=1.4]	0 U [MDL=1.4]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	39 U [MDL=13]	40 U [MDL=13]	36 U [MDL=12]	36 U [MDL=12]
AROCLOR-1221	39 U [MDL=15]	40 U [MDL=16]	36 U [MDL=14]	36 U [MDL=14]
AROCLOR-1232	39 U [MDL=14]	40 U [MDL=14]	36 U [MDL=13]	36 U [MDL=13]
AROCLOR-1242	39 U [MDL=17]	40 U [MDL=17]	36 U [MDL=15]	36 U [MDL=15]
AROCLOR-1248	39 U [MDL=18]	40 U [MDL=18]	36 U [MDL=16]	36 U [MDL=16]
AROCLOR-1254	39 U [MDL=10]	40 U [MDL=11]	36 U [MDL=9.6]	36 U [MDL=9.6]
AROCLOR-1260	39 U [MDL=12]	40 U [MDL=12]	36 U [MDL=11]	36 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-399	SB-399	SB-400	SB-400
SAMPLE ID	SB-399-0405	SB-399-0708	SB-400-0102	SB-400-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=12]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-400	SB-400	SB-401	SB-401
SAMPLE ID	SB-400-0405	SB-400-0708	SB-401-0102	SB-401-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	84.1 [MDL=10]	80.3 [MDL=10]	79.7 [MDL=10]	88.3 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-400 SB-400-0405 10/16/2007	SB-400 SB-400-0708 10/16/2007	SB-401 SB-401-0102 10/16/2007	SB-401 SB-401-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-400 SB-400-0405 10/16/2007	SB-400 SB-400-0708 10/16/2007	SB-401 SB-401-0102 10/16/2007	SB-401 SB-401-0203 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-400 SB-400-0405 10/16/2007	SB-400 SB-400-0708 10/16/2007	SB-401 SB-401-0102 10/16/2007	SB-401 SB-401-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-400 SB-400-0405 10/16/2007	SB-400 SB-400-0708 10/16/2007	SB-401 SB-401-0102 10/16/2007	SB-401 SB-401-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	25 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	25 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	0.309951 [MDL=1.5]	0.086521 [MDL=1.6]	25 [MDL=1.6]	0.321412 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	25 J [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-400 SB-400-0405 10/16/2007	SB-400 SB-400-0708 10/16/2007	SB-401 SB-401-0102 10/16/2007	SB-401 SB-401-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.6]	25 [MDL=1.6]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	39 U [MDL=13]	41 U [MDL=14]	41 U [MDL=14]	37 U [MDL=12]
AROCLOR-1221	39 U [MDL=15]	41 U [MDL=16]	41 U [MDL=16]	37 U [MDL=15]
AROCLOR-1232	39 U [MDL=14]	41 U [MDL=15]	41 U [MDL=15]	37 U [MDL=14]
AROCLOR-1242	39 U [MDL=17]	41 U [MDL=17]	41 U [MDL=18]	37 U [MDL=16]
AROCLOR-1248	39 U [MDL=18]	41 U [MDL=19]	41 U [MDL=19]	37 U [MDL=17]
AROCLOR-1254	39 U [MDL=10]	41 U [MDL=11]	41 U [MDL=11]	37 U [MDL=10]
AROCLOR-1260	39 U [MDL=12]	41 U [MDL=12]	41 U [MDL=12]	37 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-400	SB-400	SB-401	SB-401
SAMPLE ID	SB-400-0405	SB-400-0708	SB-401-0102	SB-401-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=14]	0 U [MDL=14]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-401	SB-401	SB-402	SB-402
SAMPLE ID	SB-401-0405	SB-401-0708	SB-402-0102	SB-402-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	83.1 [MDL=10]	86 [MDL=10]	79.9 [MDL=10]	84.7 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-401 SB-401-0405 10/16/2007	SB-401 SB-401-0708 10/16/2007	SB-402 SB-402-0102 10/16/2007	SB-402 SB-402-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION	SB-401	SB-401	SB-402	SB-402
SAMPLE ID	SB-401-0405	SB-401-0708	SB-402-0102	SB-402-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-401 SB-401-0405 10/16/2007	SB-401 SB-401-0708 10/16/2007	SB-402 SB-402-0102 10/16/2007	SB-402 SB-402-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	37 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	37 [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	0.096392 [MDL=1.6]	0.333136 [MDL=1.5]	37 [MDL=1.6]	0.345127 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	37 J [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-401 SB-401-0405 10/16/2007	SB-401 SB-401-0708 10/16/2007	SB-402 SB-402-0102 10/16/2007	SB-402 SB-402-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.5]	37 [MDL=1.6]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	40 U [MDL=13]	38 U [MDL=13]	41 U [MDL=14]	39 U [MDL=13]
AROCLOR-1221	40 U [MDL=16]	38 U [MDL=15]	41 U [MDL=16]	39 U [MDL=15]
AROCLOR-1232	40 U [MDL=14]	38 U [MDL=14]	41 U [MDL=15]	39 U [MDL=14]
AROCLOR-1242	40 U [MDL=17]	38 U [MDL=16]	41 U [MDL=18]	39 U [MDL=17]
AROCLOR-1248	40 U [MDL=18]	38 U [MDL=17]	41 U [MDL=19]	39 U [MDL=18]
AROCLOR-1254	40 U [MDL=11]	38 U [MDL=10]	41 U [MDL=11]	39 U [MDL=10]
AROCLOR-1260	40 U [MDL=12]	38 U [MDL=11]	41 U [MDL=12]	39 U [MDL=12]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-401	SB-401	SB-402	SB-402
SAMPLE ID	SB-401-0405	SB-401-0708	SB-402-0102	SB-402-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=14]	0 U [MDL=13]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-402	SB-402	SB-403	SB-403
SAMPLE ID	SB-402-0405	SB-402-0708	SB-403-0102	SB-403-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	83.6 [MDL=10]	84.1 [MDL=10]	88.6 [MDL=10]	88.4 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-402 SB-402-0405 10/16/2007	SB-402 SB-402-0708 10/16/2007	SB-403 SB-403-0102 10/16/2007	SB-403 SB-403-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-402	SB-402	SB-403	SB-403
SAMPLE ID	SB-402-0405	SB-402-0708	SB-403-0102	SB-403-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-402 SB-402-0405 10/16/2007	SB-402 SB-402-0708 10/16/2007	SB-403 SB-403-0102 10/16/2007	SB-403 SB-403-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-402 SB-402-0405 10/16/2007	SB-402 SB-402-0708 10/16/2007	SB-403 SB-403-0102 10/16/2007	SB-403 SB-403-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	0.10677 [MDL=1.6]	0.357389 [MDL=1.5]	0.369928 [MDL=1.5]	0.382747 [MDL=1.5]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-402 SB-402-0405 10/16/2007	SB-402 SB-402-0708 10/16/2007	SB-403 SB-403-0102 10/16/2007	SB-403 SB-403-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	39 U [MDL=13]	39 U [MDL=13]	37 U [MDL=12]	37 U [MDL=12]
AROCLOR-1221	39 U [MDL=16]	39 U [MDL=15]	37 U [MDL=15]	37 U [MDL=15]
AROCLOR-1232	39 U [MDL=14]	39 U [MDL=14]	37 U [MDL=14]	37 U [MDL=14]
AROCLOR-1242	39 U [MDL=17]	39 U [MDL=17]	37 U [MDL=16]	37 U [MDL=16]
AROCLOR-1248	39 U [MDL=18]	39 U [MDL=18]	37 U [MDL=17]	37 U [MDL=17]
AROCLOR-1254	39 U [MDL=11]	39 U [MDL=10]	37 U [MDL=9.9]	37 U [MDL=10]
AROCLOR-1260	39 U [MDL=12]	39 U [MDL=12]	37 U [MDL=11]	37 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-402	SB-402	SB-403	SB-403
SAMPLE ID	SB-402-0405	SB-402-0708	SB-403-0102	SB-403-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=12]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-403	SB-403	SB-404	SB-404
SAMPLE ID	SB-403-0405	SB-403-0708	SB-404-0102	SB-404-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	84.7 [MDL=10]	83.5 [MDL=10]	86.6 [MDL=10]	81.2 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-403 SB-403-0405 10/16/2007	SB-403 SB-403-0708 10/16/2007	SB-404 SB-404-0102 10/16/2007	SB-404 SB-404-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-403	SB-403	SB-404	SB-404
SAMPLE ID	SB-403-0405	SB-403-0708	SB-404-0102	SB-404-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-403 SB-403-0405 10/16/2007	SB-403 SB-403-0708 10/16/2007	SB-404 SB-404-0102 10/16/2007	SB-404 SB-404-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-403 SB-403-0405 10/16/2007	SB-403 SB-403-0708 10/16/2007	SB-404 SB-404-0102 10/16/2007	SB-404 SB-404-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	0.395852 [MDL=1.5]	0.117667 [MDL=1.6]	0.409248 [MDL=1.5]	0.129095 [MDL=1.6]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-403 SB-403-0405 10/16/2007	SB-403 SB-403-0708 10/16/2007	SB-404 SB-404-0102 10/16/2007	SB-404 SB-404-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	39 U [MDL=13]	40 U [MDL=13]	38 U [MDL=13]	41 U [MDL=14]
AROCLOR-1221	39 U [MDL=15]	40 U [MDL=16]	38 U [MDL=15]	41 U [MDL=16]
AROCLOR-1232	39 U [MDL=14]	40 U [MDL=14]	38 U [MDL=14]	41 U [MDL=15]
AROCLOR-1242	39 U [MDL=17]	40 U [MDL=17]	38 U [MDL=16]	41 U [MDL=17]
AROCLOR-1248	39 U [MDL=18]	40 U [MDL=18]	38 U [MDL=17]	41 U [MDL=18]
AROCLOR-1254	39 U [MDL=10]	40 U [MDL=11]	38 U [MDL=10]	41 U [MDL=11]
AROCLOR-1260	39 U [MDL=12]	40 U [MDL=12]	38 U [MDL=11]	41 U [MDL=12]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-403	SB-403	SB-404	SB-404
SAMPLE ID	SB-403-0405	SB-403-0708	SB-404-0102	SB-404-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=13]	0 U [MDL=14]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-404	SB-404	SB-405	SB-405
SAMPLE ID	SB-404-0405	SB-404-0708	SB-405-0102	SB-405-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	78 [MDL=10]	76.5 [MDL=10]	91.3 [MDL=10]	90.3 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-404 SB-404-0405 10/16/2007	SB-404 SB-404-0708 10/16/2007	SB-405 SB-405-0102 10/16/2007	SB-405 SB-405-0203 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-404 SB-404-0405 10/16/2007	SB-404 SB-404-0708 10/16/2007	SB-405 SB-405-0102 10/16/2007	SB-405 SB-405-0203 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-404 SB-404-0405 10/16/2007	SB-404 SB-404-0708 10/16/2007	SB-405 SB-405-0102 10/16/2007	SB-405 SB-405-0203 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-404 SB-404-0405 10/16/2007	SB-404 SB-404-0708 10/16/2007	SB-405 SB-405-0102 10/16/2007	SB-405 SB-405-0203 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	18 [MDL=1.7]	72 [MDL=1.7]	36 [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-POS	18 [MDL=1.7]	72 [MDL=1.7]	36 [MDL=1.4]	1.4 U [MDL=1.4]
BAP EQUIVALENT-UCL	18 [MDL=1.7]	72 [MDL=1.7]	36 [MDL=1.4]	0.488515 [MDL=1.4]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	18 J [MDL=1.7]	72 J [MDL=1.7]	36 J [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-404 SB-404-0405 10/16/2007	SB-404 SB-404-0708 10/16/2007	SB-405 SB-405-0102 10/16/2007	SB-405 SB-405-0203 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	18 [MDL=1.7]	72 [MDL=1.7]	36 [MDL=1.4]	0 U [MDL=1.4]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	42 U [MDL=14]	43 U [MDL=14]	36 U [MDL=12]	37 U [MDL=12]
AROCLOR-1221	42 U [MDL=17]	43 U [MDL=17]	36 U [MDL=14]	37 U [MDL=14]
AROCLOR-1232	42 U [MDL=15]	43 U [MDL=16]	36 U [MDL=13]	37 U [MDL=13]
AROCLOR-1242	42 U [MDL=18]	43 U [MDL=18]	36 U [MDL=15]	37 U [MDL=16]
AROCLOR-1248	42 U [MDL=19]	43 U [MDL=20]	36 U [MDL=16]	37 U [MDL=17]
AROCLOR-1254	42 U [MDL=11]	43 U [MDL=12]	36 U [MDL=9.6]	37 U [MDL=9.7]
AROCLOR-1260	42 U [MDL=13]	43 U [MDL=13]	36 U [MDL=11]	37 U [MDL=11]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-404	SB-404	SB-405	SB-405
SAMPLE ID	SB-404-0405	SB-404-0708	SB-405-0102	SB-405-0203
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=14]	0 U [MDL=14]	0 U [MDL=12]	0 U [MDL=12]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-405	SB-405	SB-405	SB-405
SAMPLE ID	SB-405-0405	SB-405-0708	F-SB-405RE-10	F-SB-405RE-11
SAMPLE DATE	10/16/2007	10/16/2007	9/22/2009	9/22/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	83.3 [MDL=10]	77.4 [MDL=10]	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 SB-405-0405 10/16/2007	SB-405 SB-405-0708 10/16/2007	SB-405 F-SB-405RE-10 9/22/2009	SB-405 F-SB-405RE-11 9/22/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION	SB-405	SB-405	SB-405	SB-405
SAMPLE ID	SB-405-0405	SB-405-0708	F-SB-405RE-10	F-SB-405RE-11
SAMPLE DATE	10/16/2007	10/16/2007	9/22/2009	9/22/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 SB-405-0405 10/16/2007	SB-405 SB-405-0708 10/16/2007	SB-405 F-SB-405RE-10 9/22/2009	SB-405 F-SB-405RE-11 9/22/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 SB-405-0405 10/16/2007	SB-405 SB-405-0708 10/16/2007	SB-405 F-SB-405RE-10 9/22/2009	SB-405 F-SB-405RE-11 9/22/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	330 [MDL=1.6]	230 [MDL=1.7]	30.281 [MDL=1.7]	44.653 [MDL=1.8]
BAP EQUIVALENT-POS	330 [MDL=1.6]	230 [MDL=1.7]	29.431 [MDL=1.7]	43.753 [MDL=1.8]
BAP EQUIVALENT-UCL	330 [MDL=1.6]	230 [MDL=1.7]	--	--
BENZO(A)ANTHRACENE	--	--	31 [MDL=1.3]	52 [MDL=1.3]
BENZO(A)PYRENE	330 J [MDL=1.6]	230 J [MDL=1.7]	22 [MDL=1.7]	31 [MDL=1.8]
BENZO(B)FLUORANTHENE	--	--	30 [MDL=1.6]	45 [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	20 [MDL=2.3]	20 [MDL=2.3]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 SB-405-0405 10/16/2007	SB-405 SB-405-0708 10/16/2007	SB-405 F-SB-405RE-10 9/22/2009	SB-405 F-SB-405RE-11 9/22/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	31 [MDL=1.2]	53 [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	--	--	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	11 [MDL=2]	28 [MDL=2]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	330 [MDL=1.6]	230 [MDL=1.7]	145 [MDL=1.7]	229 [MDL=1.8]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	40 U [MDL=13]	43 U [MDL=14]	--	--
AROCLOR-1221	40 U [MDL=16]	43 U [MDL=17]	--	--
AROCLOR-1232	40 U [MDL=14]	43 U [MDL=16]	--	--
AROCLOR-1242	40 U [MDL=17]	43 U [MDL=18]	--	--
AROCLOR-1248	40 U [MDL=18]	43 U [MDL=19]	--	--
AROCLOR-1254	40 U [MDL=11]	43 U [MDL=11]	--	--
AROCLOR-1260	40 U [MDL=12]	43 U [MDL=13]	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 SB-405-0405 10/16/2007	SB-405 SB-405-0708 10/16/2007	SB-405 F-SB-405RE-10 9/22/2009	SB-405 F-SB-405RE-11 9/22/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=14]	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-405	SB-405	SB-405	SB-405
SAMPLE ID	F-SB-405RE-12	F-SB-405RE-13	F-SB-405RE-13-D	F-SB-405RE-9
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	9/22/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 F-SB-405RE-12 9/22/2009	SB-405 F-SB-405RE-13 9/22/2009	SB-405 F-SB-405RE-13-D 9/22/2009	SB-405 F-SB-405RE-9 9/22/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 F-SB-405RE-12 9/22/2009	SB-405 F-SB-405RE-13 9/22/2009	SB-405 F-SB-405RE-13-D 9/22/2009	SB-405 F-SB-405RE-9 9/22/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 F-SB-405RE-12 9/22/2009	SB-405 F-SB-405RE-13 9/22/2009	SB-405 F-SB-405RE-13-D 9/22/2009	SB-405 F-SB-405RE-9 9/22/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 F-SB-405RE-12 9/22/2009	SB-405 F-SB-405RE-13 9/22/2009	SB-405 F-SB-405RE-13-D 9/22/2009	SB-405 F-SB-405RE-9 9/22/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	13.5255 [MDL=1.8]	52.706 [MDL=2.6]	2.4 U [MDL=2.4]	2581.5 [MDL=8.2]
BAP EQUIVALENT-POS	12.514 [MDL=1.8]	51.406 [MDL=2.6]	2.4 U [MDL=2.4]	2577.4 [MDL=8.2]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	12 [MDL=1.3]	35 J [MDL=1.9]	1.7 UJ [MDL=1.7]	3000 [MDL=6]
BENZO(A)PYRENE	9.5 [MDL=1.8]	37 J [MDL=2.6]	2.4 UJ [MDL=2.4]	1900 [MDL=8.2]
BENZO(B)FLUORANTHENE	18 [MDL=1.6]	59 J [MDL=2.4]	2.2 UJ [MDL=2.2]	2900 [MDL=7.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.3 U [MDL=2.3]	17 [MDL=3.5]	3.1 U [MDL=3.1]	1300 [MDL=11]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 F-SB-405RE-12 9/22/2009	SB-405 F-SB-405RE-13 9/22/2009	SB-405 F-SB-405RE-13-D 9/22/2009	SB-405 F-SB-405RE-9 9/22/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	14 [MDL=1.2]	36 J [MDL=1.8]	1.6 UJ [MDL=1.6]	4400 [MDL=5.7]
DIBENZO(A,H)ANTHRACENE	1.8 U [MDL=1.8]	2.6 U [MDL=2.6]	2.4 U [MDL=2.4]	8.200000 U [MDL=8.2]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	2.0 U [MDL=2]	48 J [MDL=3.1]	2.7 UJ [MDL=2.7]	700 [MDL=9.5]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	53.5 [MDL=1.8]	232 [MDL=2.6]	0 U [MDL=2.4]	14200 [MDL=8.2]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-405 F-SB-405RE-12 9/22/2009	SB-405 F-SB-405RE-13 9/22/2009	SB-405 F-SB-405RE-13-D 9/22/2009	SB-405 F-SB-405RE-9 9/22/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-406	SB-406	SB-406	SB-406
SAMPLE ID	SB-406-0102	SB-406-0203	SB-406-0405	SB-406-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	87.2 [MDL=10]	87.5 [MDL=10]	79.9 [MDL=10]	78.3 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-406 SB-406-0102 10/16/2007	SB-406 SB-406-0203 10/16/2007	SB-406 SB-406-0405 10/16/2007	SB-406 SB-406-0708 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-406	SB-406	SB-406	SB-406
SAMPLE ID	SB-406-0102	SB-406-0203	SB-406-0405	SB-406-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-406 SB-406-0102 10/16/2007	SB-406 SB-406-0203 10/16/2007	SB-406 SB-406-0405 10/16/2007	SB-406 SB-406-0708 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-406 SB-406-0102 10/16/2007	SB-406 SB-406-0203 10/16/2007	SB-406 SB-406-0405 10/16/2007	SB-406 SB-406-0708 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	510 [MDL=1.5]	320 [MDL=1.5]	62 [MDL=1.6]	85 [MDL=1.7]
BAP EQUIVALENT-POS	510 [MDL=1.5]	320 [MDL=1.5]	62 [MDL=1.6]	85 [MDL=1.7]
BAP EQUIVALENT-UCL	510 [MDL=1.5]	320 [MDL=1.5]	62 [MDL=1.6]	85 [MDL=1.7]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	510 [MDL=1.5]	320 J [MDL=1.5]	62 J [MDL=1.6]	85 J [MDL=1.7]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-406 SB-406-0102 10/16/2007	SB-406 SB-406-0203 10/16/2007	SB-406 SB-406-0405 10/16/2007	SB-406 SB-406-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	510 [MDL=1.5]	320 [MDL=1.5]	62 [MDL=1.6]	85 [MDL=1.7]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	38 U [MDL=13]	38 U [MDL=13]	41 U [MDL=14]	42 U [MDL=14]
AROCLOR-1221	38 U [MDL=15]	38 U [MDL=15]	41 U [MDL=16]	42 U [MDL=17]
AROCLOR-1232	38 U [MDL=14]	38 U [MDL=14]	41 U [MDL=15]	42 U [MDL=15]
AROCLOR-1242	38 U [MDL=16]	38 U [MDL=16]	41 U [MDL=18]	42 U [MDL=18]
AROCLOR-1248	38 U [MDL=17]	38 U [MDL=17]	41 U [MDL=19]	42 U [MDL=19]
AROCLOR-1254	38 U [MDL=10]	38 U [MDL=10]	41 U [MDL=11]	42 U [MDL=11]
AROCLOR-1260	38 U [MDL=11]	21 J [MDL=11]	41 U [MDL=12]	42 U [MDL=13]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-406	SB-406	SB-406	SB-406
SAMPLE ID	SB-406-0102	SB-406-0203	SB-406-0405	SB-406-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	21 [MDL=13]	0 U [MDL=14]	0 U [MDL=14]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-407	SB-407	SB-407	SB-407
SAMPLE ID	SB-407-0102	SB-407-0203	SB-407-0405	SB-407-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	78.6 [MDL=10]	78.1 [MDL=10]	73.7 [MDL=10]	72.7 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-407 SB-407-0102 10/16/2007	SB-407 SB-407-0203 10/16/2007	SB-407 SB-407-0405 10/16/2007	SB-407 SB-407-0708 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-407 SB-407-0102 10/16/2007	SB-407 SB-407-0203 10/16/2007	SB-407 SB-407-0405 10/16/2007	SB-407 SB-407-0708 10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-407 SB-407-0102 10/16/2007	SB-407 SB-407-0203 10/16/2007	SB-407 SB-407-0405 10/16/2007	SB-407 SB-407-0708 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-407 SB-407-0102 10/16/2007	SB-407 SB-407-0203 10/16/2007	SB-407 SB-407-0405 10/16/2007	SB-407 SB-407-0708 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	130 [MDL=1.7]	190 [MDL=1.7]	110 [MDL=1.8]	30 [MDL=1.8]
BAP EQUIVALENT-POS	130 [MDL=1.7]	190 [MDL=1.7]	110 [MDL=1.8]	30 [MDL=1.8]
BAP EQUIVALENT-UCL	130 [MDL=1.7]	190 [MDL=1.7]	110 [MDL=1.8]	30 [MDL=1.8]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	130 J [MDL=1.7]	190 J [MDL=1.7]	110 J [MDL=1.8]	30 J [MDL=1.8]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-407 SB-407-0102 10/16/2007	SB-407 SB-407-0203 10/16/2007	SB-407 SB-407-0405 10/16/2007	SB-407 SB-407-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	130 [MDL=1.7]	190 [MDL=1.7]	110 [MDL=1.8]	30 [MDL=1.8]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	42 U [MDL=14]	42 U [MDL=14]	45 U [MDL=15]	45 U [MDL=15]
AROCLOR-1221	42 U [MDL=17]	42 U [MDL=17]	45 U [MDL=18]	45 U [MDL=18]
AROCLOR-1232	42 U [MDL=15]	42 U [MDL=15]	45 U [MDL=16]	45 U [MDL=17]
AROCLOR-1242	42 U [MDL=18]	42 U [MDL=18]	45 U [MDL=19]	45 U [MDL=19]
AROCLOR-1248	42 U [MDL=19]	42 U [MDL=19]	45 U [MDL=20]	45 U [MDL=21]
AROCLOR-1254	42 U [MDL=11]	42 U [MDL=11]	45 U [MDL=12]	45 U [MDL=12]
AROCLOR-1260	42 U [MDL=12]	42 U [MDL=13]	45 U [MDL=13]	45 U [MDL=13]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION	SB-407	SB-407	SB-407	SB-407
SAMPLE ID	SB-407-0102	SB-407-0203	SB-407-0405	SB-407-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=14]	0 U [MDL=14]	0 U [MDL=15]	0 U [MDL=15]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-408	SB-408	SB-408	SB-408
SAMPLE ID	SB-408-0102	SB-408-0203	SB-408-0405	SB-408-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	81.8 [MDL=10]	83.8 [MDL=10]	86.1 [MDL=10]	81.1 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

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2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-408 SB-408-0102 10/16/2007	SB-408 SB-408-0203 10/16/2007	SB-408 SB-408-0405 10/16/2007	SB-408 SB-408-0708 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-408 SB-408-0102 10/16/2007	SB-408 SB-408-0203 10/16/2007	SB-408 SB-408-0405 10/16/2007	SB-408 SB-408-0708 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	87 [MDL=1.6]	50 [MDL=1.6]	12 [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	87 [MDL=1.6]	50 [MDL=1.6]	12 [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	87 [MDL=1.6]	50 [MDL=1.6]	12 [MDL=1.5]	0.141068 [MDL=1.6]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	87 J [MDL=1.6]	50 J [MDL=1.6]	12 J [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-408 SB-408-0102 10/16/2007	SB-408 SB-408-0203 10/16/2007	SB-408 SB-408-0405 10/16/2007	SB-408 SB-408-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	87 [MDL=1.6]	50 [MDL=1.6]	12 [MDL=1.5]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	40 U [MDL=13]	39 U [MDL=13]	38 U [MDL=13]	41 U [MDL=14]
AROCLOR-1221	40 U [MDL=16]	39 U [MDL=16]	38 U [MDL=15]	41 U [MDL=16]
AROCLOR-1232	40 U [MDL=15]	39 U [MDL=14]	38 U [MDL=14]	41 U [MDL=15]
AROCLOR-1242	40 U [MDL=17]	39 U [MDL=17]	38 U [MDL=16]	41 U [MDL=17]
AROCLOR-1248	40 U [MDL=18]	39 U [MDL=18]	38 U [MDL=17]	41 U [MDL=18]
AROCLOR-1254	40 U [MDL=11]	39 U [MDL=10]	38 U [MDL=10]	41 U [MDL=11]
AROCLOR-1260	40 U [MDL=12]	39 U [MDL=12]	15 J [MDL=11]	41 U [MDL=12]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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LOCATION	SB-408	SB-408	SB-408	SB-408
SAMPLE ID	SB-408-0102	SB-408-0203	SB-408-0405	SB-408-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=13]	0 U [MDL=13]	15 [MDL=13]	0 U [MDL=14]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-409	SB-409	SB-409	SB-409
SAMPLE ID	SB-409-0102	SB-409-0203	SB-409-0405	SB-409-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	77.6 [MDL=10]	81.6 [MDL=10]	78.5 [MDL=10]	73.5 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION	SB-409	SB-409	SB-409	SB-409
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SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	39 [MDL=1.7]	1.6 U [MDL=1.6]	67 [MDL=1.7]	1.8 U [MDL=1.8]
BAP EQUIVALENT-POS	39 [MDL=1.7]	1.6 U [MDL=1.6]	67 [MDL=1.7]	1.8 U [MDL=1.8]
BAP EQUIVALENT-UCL	39 [MDL=1.7]	0.1536 [MDL=1.6]	67 [MDL=1.7]	0.742372 [MDL=1.8]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	39 J [MDL=1.7]	1.6 U [MDL=1.6]	67 J [MDL=1.7]	1.8 U [MDL=1.8]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-409 SB-409-0102 10/16/2007	SB-409 SB-409-0203 10/16/2007	SB-409 SB-409-0405 10/16/2007	SB-409 SB-409-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	39 [MDL=1.7]	0 U [MDL=1.6]	67 [MDL=1.7]	0 U [MDL=1.8]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	43 U [MDL=14]	40 U [MDL=13]	42 U [MDL=14]	45 U [MDL=15]
AROCLOR-1221	43 U [MDL=17]	40 U [MDL=16]	42 U [MDL=17]	45 U [MDL=18]
AROCLOR-1232	43 U [MDL=15]	40 U [MDL=15]	42 U [MDL=15]	45 U [MDL=16]
AROCLOR-1242	43 U [MDL=18]	40 U [MDL=17]	42 U [MDL=18]	45 U [MDL=19]
AROCLOR-1248	43 U [MDL=19]	40 U [MDL=18]	42 U [MDL=19]	45 U [MDL=20]
AROCLOR-1254	43 U [MDL=11]	40 U [MDL=11]	42 U [MDL=11]	45 U [MDL=12]
AROCLOR-1260	43 U [MDL=13]	40 U [MDL=12]	42 U [MDL=12]	45 U [MDL=13]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-409	SB-409	SB-409	SB-409
SAMPLE ID	SB-409-0102	SB-409-0203	SB-409-0405	SB-409-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=14]	0 U [MDL=13]	0 U [MDL=14]	0 U [MDL=15]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-489	SB-489	SB-489	SB-489
SAMPLE ID	SB-489-0102	SB-489-0203	SB-489-0405	SB-489-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007

METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	79.8 [MDL=10]	76.3 [MDL=10]	79.3 [MDL=10]	73.3 [MDL=10]
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-489 SB-489-0102 10/16/2007	SB-489 SB-489-0203 10/16/2007	SB-489 SB-489-0405 10/16/2007	SB-489 SB-489-0708 10/16/2007
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-489	SB-489	SB-489	SB-489
SAMPLE ID	SB-489-0102	SB-489-0203	SB-489-0405	SB-489-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-489 SB-489-0102 10/16/2007	SB-489 SB-489-0203 10/16/2007	SB-489 SB-489-0405 10/16/2007	SB-489 SB-489-0708 10/16/2007
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-489 SB-489-0102 10/16/2007	SB-489 SB-489-0203 10/16/2007	SB-489 SB-489-0405 10/16/2007	SB-489 SB-489-0708 10/16/2007
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	9.6 [MDL=1.6]	260 [MDL=1.7]	9.8 [MDL=1.6]	21 [MDL=1.8]
BAP EQUIVALENT-POS	9.6 [MDL=1.6]	260 [MDL=1.7]	9.8 [MDL=1.6]	21 [MDL=1.8]
BAP EQUIVALENT-UCL	9.6 [MDL=1.6]	260 [MDL=1.7]	9.8 [MDL=1.6]	21 [MDL=1.8]
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	9.6 J [MDL=1.6]	260 J [MDL=1.7]	9.8 J [MDL=1.6]	21 J [MDL=1.8]
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-489 SB-489-0102 10/16/2007	SB-489 SB-489-0203 10/16/2007	SB-489 SB-489-0405 10/16/2007	SB-489 SB-489-0708 10/16/2007
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	9.6 [MDL=1.6]	260 [MDL=1.7]	9.8 [MDL=1.6]	21 [MDL=1.8]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	41 U [MDL=14]	43 U [MDL=14]	42 U [MDL=14]	45 U [MDL=15]
AROCLOR-1221	41 U [MDL=16]	43 U [MDL=17]	42 U [MDL=16]	45 U [MDL=18]
AROCLOR-1232	41 U [MDL=15]	43 U [MDL=16]	42 U [MDL=15]	45 U [MDL=16]
AROCLOR-1242	41 U [MDL=18]	43 U [MDL=18]	42 U [MDL=18]	45 U [MDL=19]
AROCLOR-1248	41 U [MDL=19]	43 U [MDL=20]	42 U [MDL=19]	45 U [MDL=20]
AROCLOR-1254	41 U [MDL=11]	43 U [MDL=12]	42 U [MDL=11]	45 U [MDL=12]
AROCLOR-1260	41 U [MDL=12]	43 U [MDL=13]	42 U [MDL=12]	45 U [MDL=13]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-489	SB-489	SB-489	SB-489
SAMPLE ID	SB-489-0102	SB-489-0203	SB-489-0405	SB-489-0708
SAMPLE DATE	10/16/2007	10/16/2007	10/16/2007	10/16/2007
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=14]	0 U [MDL=14]	0 U [MDL=14]	0 U [MDL=15]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL				
LOCATION	SB-490	SB-490	SB-624	SB-624
SAMPLE ID	SB-490-0405	SB-490-0708	F-SB-624-1	F-SB-624-2
SAMPLE DATE	10/17/2007	10/17/2007	9/21/2009	9/21/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	0.035 [MDL=0.02]	0.22 [MDL=0.02]
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	79.4 [MDL=10]	86.6 [MDL=10]	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-490 SB-490-0405 10/17/2007	SB-490 SB-490-0708 10/17/2007	SB-624 F-SB-624-1 9/21/2009	SB-624 F-SB-624-2 9/21/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-490 SB-490-0405 10/17/2007	SB-490 SB-490-0708 10/17/2007	SB-624 F-SB-624-1 9/21/2009	SB-624 F-SB-624-2 9/21/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-490 SB-490-0405 10/17/2007	SB-490 SB-490-0708 10/17/2007	SB-624 F-SB-624-1 9/21/2009	SB-624 F-SB-624-2 9/21/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-490 SB-490-0405 10/17/2007	SB-490 SB-490-0708 10/17/2007	SB-624 F-SB-624-1 9/21/2009	SB-624 F-SB-624-2 9/21/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	110 [MDL=1.6]	31 [MDL=1.5]	--	--
BAP EQUIVALENT-POS	110 [MDL=1.6]	31 [MDL=1.5]	--	--
BAP EQUIVALENT-UCL	110 [MDL=1.6]	31 [MDL=1.5]	--	--
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	110 J [MDL=1.6]	31 J [MDL=1.5]	--	--
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-490 SB-490-0405 10/17/2007	SB-490 SB-490-0708 10/17/2007	SB-624 F-SB-624-1 9/21/2009	SB-624 F-SB-624-2 9/21/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	110 [MDL=1.6]	31 [MDL=1.5]	--	--

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	42 U [MDL=14]	38 U [MDL=13]	--	--
AROCLOR-1221	42 U [MDL=16]	38 U [MDL=15]	--	--
AROCLOR-1232	42 U [MDL=15]	38 U [MDL=14]	--	--
AROCLOR-1242	42 U [MDL=18]	38 U [MDL=16]	--	--
AROCLOR-1248	42 U [MDL=19]	38 U [MDL=17]	--	--
AROCLOR-1254	42 U [MDL=11]	38 U [MDL=10]	--	--
AROCLOR-1260	42 U [MDL=12]	38 U [MDL=11]	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION	SB-490	SB-490	SB-624	SB-624
SAMPLE ID	SB-490-0405	SB-490-0708	F-SB-624-1	F-SB-624-2
SAMPLE DATE	10/17/2007	10/17/2007	9/21/2009	9/21/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=14]	0 U [MDL=13]	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL				
LOCATION	SB-625	SB-625	SB-626	SB-626
SAMPLE ID	F-SB-625-1	F-SB-625-2	F-SB-626-1	F-SB-626-2
SAMPLE DATE	9/21/2009	9/21/2009	9/22/2009	9/22/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	0.020000 U [MDL=0.02]	0.58 [MDL=0.019]	2.2 L [MDL=0.04]	2.7 L [MDL=0.041]
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-625 F-SB-625-1 9/21/2009	SB-625 F-SB-625-2 9/21/2009	SB-626 F-SB-626-1 9/22/2009	SB-626 F-SB-626-2 9/22/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-625 F-SB-625-1 9/21/2009	SB-625 F-SB-625-2 9/21/2009	SB-626 F-SB-626-1 9/22/2009	SB-626 F-SB-626-2 9/22/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-625 F-SB-625-1 9/21/2009	SB-625 F-SB-625-2 9/21/2009	SB-626 F-SB-626-1 9/22/2009	SB-626 F-SB-626-2 9/22/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-625 F-SB-625-1 9/21/2009	SB-625 F-SB-625-2 9/21/2009	SB-626 F-SB-626-1 9/22/2009	SB-626 F-SB-626-2 9/22/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	--	--	--	--
BAP EQUIVALENT-POS	--	--	--	--
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-625 F-SB-625-1 9/21/2009	SB-625 F-SB-625-2 9/21/2009	SB-626 F-SB-626-1 9/22/2009	SB-626 F-SB-626-2 9/22/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	--	--	--	--
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-625	SB-625	SB-626	SB-626
SAMPLE ID	F-SB-625-1	F-SB-625-2	F-SB-626-1	F-SB-626-2
SAMPLE DATE	9/21/2009	9/21/2009	9/22/2009	9/22/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-626	SB-626	SB-626	SB-626B
SAMPLE ID	F-SB-626-3	F-SB-626-4	F-SB-626-5	F-SB-626B-(1-4)
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	11/11/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	0.60 [MDL=0.021]	0.50 [MDL=0.021]	0.019 U [MDL=0.019]	1.2 [MDL=0.02]
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626 F-SB-626-3 9/22/2009	SB-626 F-SB-626-4 9/22/2009	SB-626 F-SB-626-5 9/22/2009	SB-626B F-SB-626B-(1-4) 11/11/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626 F-SB-626-3 9/22/2009	SB-626 F-SB-626-4 9/22/2009	SB-626 F-SB-626-5 9/22/2009	SB-626B F-SB-626B-(1-4) 11/11/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626 F-SB-626-3 9/22/2009	SB-626 F-SB-626-4 9/22/2009	SB-626 F-SB-626-5 9/22/2009	SB-626B F-SB-626B-(1-4) 11/11/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626 F-SB-626-3 9/22/2009	SB-626 F-SB-626-4 9/22/2009	SB-626 F-SB-626-5 9/22/2009	SB-626B F-SB-626B-(1-4) 11/11/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	--	--	--	--
BAP EQUIVALENT-POS	--	--	--	--
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626 F-SB-626-3 9/22/2009	SB-626 F-SB-626-4 9/22/2009	SB-626 F-SB-626-5 9/22/2009	SB-626B F-SB-626B-(1-4) 11/11/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	--	--	--	--
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION	SB-626	SB-626	SB-626	SB-626B
SAMPLE ID	F-SB-626-3	F-SB-626-4	F-SB-626-5	F-SB-626B-(1-4)
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	11/11/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-626C	SB-626C	SB-626D	SB-626D
SAMPLE ID	F-SB-626C-1	F-SB-626C-3	F-SB-626D-1	F-SB-626D-3
SAMPLE DATE	11/11/2009	11/11/2009	11/11/2009	11/11/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	2.2 [MDL=0.023]	0.13 [MDL=0.02]	0.36 [MDL=0.02]	1.0 [MDL=0.02]
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626C F-SB-626C-1 11/11/2009	SB-626C F-SB-626C-3 11/11/2009	SB-626D F-SB-626D-1 11/11/2009	SB-626D F-SB-626D-3 11/11/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626C F-SB-626C-1 11/11/2009	SB-626C F-SB-626C-3 11/11/2009	SB-626D F-SB-626D-1 11/11/2009	SB-626D F-SB-626D-3 11/11/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-626C F-SB-626C-1 11/11/2009	SB-626C F-SB-626C-3 11/11/2009	SB-626D F-SB-626D-1 11/11/2009	SB-626D F-SB-626D-3 11/11/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626C F-SB-626C-1 11/11/2009	SB-626C F-SB-626C-3 11/11/2009	SB-626D F-SB-626D-1 11/11/2009	SB-626D F-SB-626D-3 11/11/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	--	--	--	--
BAP EQUIVALENT-POS	--	--	--	--
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626C F-SB-626C-1 11/11/2009	SB-626C F-SB-626C-3 11/11/2009	SB-626D F-SB-626D-1 11/11/2009	SB-626D F-SB-626D-3 11/11/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	--	--	--	--

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-626C	SB-626C	SB-626D	SB-626D
SAMPLE ID	F-SB-626C-1	F-SB-626C-3	F-SB-626D-1	F-SB-626D-3
SAMPLE DATE	11/11/2009	11/11/2009	11/11/2009	11/11/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-626D F-SB-626D-3-D 11/11/2009	SB-627 F-SB-627-1 9/22/2009	SB-627 F-SB-627-2 9/22/2009	SB-628 F-SB-628-10 9/18/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	0.72 [MDL=0.02]	0.31 L [MDL=0.02]	0.38 L [MDL=0.02]	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-626D F-SB-626D-3-D 11/11/2009	SB-627 F-SB-627-1 9/22/2009	SB-627 F-SB-627-2 9/22/2009	SB-628 F-SB-628-10 9/18/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-626D F-SB-626D-3-D 11/11/2009	SB-627 F-SB-627-1 9/22/2009	SB-627 F-SB-627-2 9/22/2009	SB-628 F-SB-628-10 9/18/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-626D F-SB-626D-3-D 11/11/2009	SB-627 F-SB-627-1 9/22/2009	SB-627 F-SB-627-2 9/22/2009	SB-628 F-SB-628-10 9/18/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-626D F-SB-626D-3-D 11/11/2009	SB-627 F-SB-627-1 9/22/2009	SB-627 F-SB-627-2 9/22/2009	SB-628 F-SB-628-10 9/18/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	--	--	--	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	--	--	--	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	1.20 U [MDL=1.2]
BENZO(A)PYRENE	--	--	--	1.60 U [MDL=1.6]
BENZO(B)FLUORANTHENE	--	--	--	1.50 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	2.10 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-626D F-SB-626D-3-D 11/11/2009	SB-627 F-SB-627-1 9/22/2009	SB-627 F-SB-627-2 9/22/2009	SB-628 F-SB-628-10 9/18/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	1.10 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	--	--	--	1.60 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	1.90 U [MDL=1.9]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	--	--	--	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-626D	SB-627	SB-627	SB-628
SAMPLE ID	F-SB-626D-3-D	F-SB-627-1	F-SB-627-2	F-SB-628-10
SAMPLE DATE	11/11/2009	9/22/2009	9/22/2009	9/18/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-628	SB-629	SB-629	SB-630
SAMPLE ID	F-SB-628-11	F-SB-629-10	F-SB-629-11	F-SB-630-10
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009	9/18/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-628 F-SB-628-11 9/18/2009	SB-629 F-SB-629-10 9/18/2009	SB-629 F-SB-629-11 9/18/2009	SB-630 F-SB-630-10 9/18/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-628	SB-629	SB-629	SB-630
SAMPLE ID	F-SB-628-11	F-SB-629-10	F-SB-629-11	F-SB-630-10
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009	9/18/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-628 F-SB-628-11 9/18/2009	SB-629 F-SB-629-10 9/18/2009	SB-629 F-SB-629-11 9/18/2009	SB-630 F-SB-630-10 9/18/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-628 F-SB-628-11 9/18/2009	SB-629 F-SB-629-10 9/18/2009	SB-629 F-SB-629-11 9/18/2009	SB-630 F-SB-630-10 9/18/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.20 U [MDL=1.2]	1.20 U [MDL=1.2]	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]
BENZO(A)PYRENE	1.70 U [MDL=1.7]	1.60 U [MDL=1.6]	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]	1.40 U [MDL=1.4]	1.40 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.20 U [MDL=2.2]	2.10 U [MDL=2.1]	2.00 U [MDL=2]	2.00 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-628 F-SB-628-11 9/18/2009	SB-629 F-SB-629-10 9/18/2009	SB-629 F-SB-629-11 9/18/2009	SB-630 F-SB-630-10 9/18/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.70 U [MDL=1.7]	1.60 U [MDL=1.6]	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.90 U [MDL=1.9]	1.80 U [MDL=1.8]	1.80 U [MDL=1.8]	1.80 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.7]	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-628	SB-629	SB-629	SB-630
SAMPLE ID	F-SB-628-11	F-SB-629-10	F-SB-629-11	F-SB-630-10
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009	9/18/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-630	SB-631	SB-631	SB-632
SAMPLE ID	F-SB-630-11	F-SB-631-10	F-SB-631-11	F-SB-632-10
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009	9/22/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-630 F-SB-630-11 9/18/2009	SB-631 F-SB-631-10 9/18/2009	SB-631 F-SB-631-11 9/18/2009	SB-632 F-SB-632-10 9/22/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-630 F-SB-630-11 9/18/2009	SB-631 F-SB-631-10 9/18/2009	SB-631 F-SB-631-11 9/18/2009	SB-632 F-SB-632-10 9/22/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-630 F-SB-630-11 9/18/2009	SB-631 F-SB-631-10 9/18/2009	SB-631 F-SB-631-11 9/18/2009	SB-632 F-SB-632-10 9/22/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-630 F-SB-630-11 9/18/2009	SB-631 F-SB-631-10 9/18/2009	SB-631 F-SB-631-11 9/18/2009	SB-632 F-SB-632-10 9/22/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	64.8 [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	64 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]	79 [MDL=1.2]
BENZO(A)PYRENE	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]	40 [MDL=1.6]
BENZO(B)FLUORANTHENE	1.40 U [MDL=1.4]	1.40 U [MDL=1.4]	1.40 U [MDL=1.4]	120 [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.00 U [MDL=2]	2.00 U [MDL=2]	2.00 U [MDL=2]	59 [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-630 F-SB-630-11 9/18/2009	SB-631 F-SB-631-10 9/18/2009	SB-631 F-SB-631-11 9/18/2009	SB-632 F-SB-632-10 9/22/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]	1.10 U [MDL=1.1]	110 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]	1.50 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.80 U [MDL=1.8]	1.80 U [MDL=1.8]	1.80 U [MDL=1.8]	34 [MDL=1.9]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]	442 [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-630	SB-631	SB-631	SB-632
SAMPLE ID	F-SB-630-11	F-SB-631-10	F-SB-631-11	F-SB-632-10
SAMPLE DATE	9/18/2009	9/18/2009	9/18/2009	9/22/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-632	SB-633	SB-633	SB-634
SAMPLE ID	F-SB-632-9	F-SB-633-10	F-SB-633-9	F-SB-634-10
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	9/22/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-632 F-SB-632-9 9/22/2009	SB-633 F-SB-633-10 9/22/2009	SB-633 F-SB-633-9 9/22/2009	SB-634 F-SB-634-10 9/22/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-632 F-SB-632-9 9/22/2009	SB-633 F-SB-633-10 9/22/2009	SB-633 F-SB-633-9 9/22/2009	SB-634 F-SB-634-10 9/22/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-632 F-SB-632-9 9/22/2009	SB-633 F-SB-633-10 9/22/2009	SB-633 F-SB-633-9 9/22/2009	SB-634 F-SB-634-10 9/22/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.65555 [MDL=1.5]	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]	1.8 U [MDL=1.8]
BAP EQUIVALENT-POS	1 [MDL=1.5]	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]	1.8 U [MDL=1.8]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.3 U [MDL=1.3]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]	1.8 U [MDL=1.8]
BENZO(B)FLUORANTHENE	10 [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.2 U [MDL=2.2]	2.1 U [MDL=2.1]	2.4 U [MDL=2.4]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-632 F-SB-632-9 9/22/2009	SB-633 F-SB-633-10 9/22/2009	SB-633 F-SB-633-9 9/22/2009	SB-634 F-SB-634-10 9/22/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]	1.3 U [MDL=1.3]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]	1.8 U [MDL=1.8]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.9 U [MDL=1.9]	1.9 U [MDL=1.9]	2.1 U [MDL=2.1]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	10 [MDL=1.5]	0 U [MDL=1.7]	0 U [MDL=1.6]	0 U [MDL=1.8]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-632	SB-633	SB-633	SB-634
SAMPLE ID	F-SB-632-9	F-SB-633-10	F-SB-633-9	F-SB-634-10
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	9/22/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-634	SB-635	SB-635	SB-635
SAMPLE ID	F-SB-634-9	F-SB-635-10	F-SB-635-10-D	F-SB-635-11
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	9/22/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-634 F-SB-634-9 9/22/2009	SB-635 F-SB-635-10 9/22/2009	SB-635 F-SB-635-10-D 9/22/2009	SB-635 F-SB-635-11 9/22/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-634 F-SB-634-9 9/22/2009	SB-635 F-SB-635-10 9/22/2009	SB-635 F-SB-635-10-D 9/22/2009	SB-635 F-SB-635-11 9/22/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-634 F-SB-634-9 9/22/2009	SB-635 F-SB-635-10 9/22/2009	SB-635 F-SB-635-10-D 9/22/2009	SB-635 F-SB-635-11 9/22/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-634 F-SB-634-9 9/22/2009	SB-635 F-SB-635-10 9/22/2009	SB-635 F-SB-635-10-D 9/22/2009	SB-635 F-SB-635-11 9/22/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.9771 [MDL=1.7]	1.5 U [MDL=1.5]	33.76 [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	1.1 [MDL=1.7]	1.5 U [MDL=1.5]	32.96 [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.3 U [MDL=1.3]	1.1 UJ [MDL=1.1]	31 J [MDL=1.2]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	1.7 U [MDL=1.7]	1.5 UJ [MDL=1.5]	25 J [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	11 [MDL=1.6]	1.4 UJ [MDL=1.4]	34 J [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.3 U [MDL=2.3]	2.0 UJ [MDL=2]	13 J [MDL=2.1]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-634 F-SB-634-9 9/22/2009	SB-635 F-SB-635-10 9/22/2009	SB-635 F-SB-635-10-D 9/22/2009	SB-635 F-SB-635-11 9/22/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.2 U [MDL=1.2]	1.1 UJ [MDL=1.1]	30 J [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.7 U [MDL=1.7]	1.5 UJ [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	2.0 U [MDL=2]	1.8 UJ [MDL=1.8]	13 J [MDL=1.9]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	11 [MDL=1.7]	0 U [MDL=1.5]	146 [MDL=1.6]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-634	SB-635	SB-635	SB-635
SAMPLE ID	F-SB-634-9	F-SB-635-10	F-SB-635-10-D	F-SB-635-11
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	9/22/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-635	SB-635	SB-635	SB-635C
SAMPLE ID	F-SB-635-12	F-SB-635-13	F-SB-635-9	F-SB-635C-1
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	11/4/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635 F-SB-635-12 9/22/2009	SB-635 F-SB-635-13 9/22/2009	SB-635 F-SB-635-9 9/22/2009	SB-635C F-SB-635C-1 11/4/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635 F-SB-635-12 9/22/2009	SB-635 F-SB-635-13 9/22/2009	SB-635 F-SB-635-9 9/22/2009	SB-635C F-SB-635C-1 11/4/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635 F-SB-635-12 9/22/2009	SB-635 F-SB-635-13 9/22/2009	SB-635 F-SB-635-9 9/22/2009	SB-635C F-SB-635C-1 11/4/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635 F-SB-635-12 9/22/2009	SB-635 F-SB-635-13 9/22/2009	SB-635 F-SB-635-9 9/22/2009	SB-635C F-SB-635C-1 11/4/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	3.65605 [MDL=1.6]	27.619 [MDL=1.6]	275.61 [MDL=1.6]	1266.69 [MDL=1.5]
BAP EQUIVALENT-POS	1.95 [MDL=1.6]	26.819 [MDL=1.6]	274.81 [MDL=1.6]	1266.69 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	8.5 [MDL=1.2]	21 [MDL=1.2]	220 [MDL=1.1]	760 [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	20 [MDL=1.6]	210 [MDL=1.6]	870 [MDL=1.5]
BENZO(B)FLUORANTHENE	11 [MDL=1.5]	23 [MDL=1.5]	310 [MDL=1.4]	1200 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	10 [MDL=2.1]	150 [MDL=2.1]	390 [MDL=1.9]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635 F-SB-635-12 9/22/2009	SB-635 F-SB-635-13 9/22/2009	SB-635 F-SB-635-9 9/22/2009	SB-635C F-SB-635C-1 11/4/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	19 [MDL=1.1]	310 [MDL=1.1]	790 [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	150 [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.9 U [MDL=1.9]	23 [MDL=1.8]	100 [MDL=1.8]	460 [MDL=1.7]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	19.5 [MDL=1.6]	116 [MDL=1.6]	1300 [MDL=1.6]	4620 [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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LOCATION	SB-635	SB-635	SB-635	SB-635C
SAMPLE ID	F-SB-635-12	F-SB-635-13	F-SB-635-9	F-SB-635C-1
SAMPLE DATE	9/22/2009	9/22/2009	9/22/2009	11/4/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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LOCATION	SB-635C	SB-635C	SB-635C	SB-635C
SAMPLE ID	F-SB-635C-11	F-SB-635C-3	F-SB-635C-5	F-SB-635C-7
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-11 11/4/2009	SB-635C F-SB-635C-3 11/4/2009	SB-635C F-SB-635C-5 11/4/2009	SB-635C F-SB-635C-7 11/4/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-11 11/4/2009	SB-635C F-SB-635C-3 11/4/2009	SB-635C F-SB-635C-5 11/4/2009	SB-635C F-SB-635C-7 11/4/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-11 11/4/2009	SB-635C F-SB-635C-3 11/4/2009	SB-635C F-SB-635C-5 11/4/2009	SB-635C F-SB-635C-7 11/4/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-11 11/4/2009	SB-635C F-SB-635C-3 11/4/2009	SB-635C F-SB-635C-5 11/4/2009	SB-635C F-SB-635C-7 11/4/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	26.21 [MDL=1.5]	27.592 [MDL=1.5]	52.006 [MDL=1.6]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	25.46 [MDL=1.5]	26.842 [MDL=1.5]	51.206 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	18 [MDL=1.1]	18 [MDL=1.1]	55 J [MDL=1.2]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	20 [MDL=1.5]	21 [MDL=1.5]	36 J [MDL=1.6]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	21 [MDL=1.4]	26 [MDL=1.4]	75 J [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	14 [MDL=1.9]	12 [MDL=1.9]	24 J [MDL=2.1]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-11 11/4/2009	SB-635C F-SB-635C-3 11/4/2009	SB-635C F-SB-635C-5 11/4/2009	SB-635C F-SB-635C-7 11/4/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	20 [MDL=1]	22 [MDL=1]	66 J [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	14 [MDL=1.7]	13 [MDL=1.7]	19 J [MDL=1.9]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	107 [MDL=1.5]	112 [MDL=1.5]	275 [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-635C	SB-635C	SB-635C	SB-635C
SAMPLE ID	F-SB-635C-11	F-SB-635C-3	F-SB-635C-5	F-SB-635C-7
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-635C	SB-635D	SB-635D	SB-635D
SAMPLE ID	F-SB-635C-7-D	F-SB-635D-1	F-SB-635D-11	F-SB-635D-5
SAMPLE DATE	11/4/2009	11/10/2009	11/10/2009	11/10/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-7-D 11/4/2009	SB-635D F-SB-635D-1 11/10/2009	SB-635D F-SB-635D-11 11/10/2009	SB-635D F-SB-635D-5 11/10/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-7-D 11/4/2009	SB-635D F-SB-635D-1 11/10/2009	SB-635D F-SB-635D-11 11/10/2009	SB-635D F-SB-635D-5 11/10/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-7-D 11/4/2009	SB-635D F-SB-635D-1 11/10/2009	SB-635D F-SB-635D-11 11/10/2009	SB-635D F-SB-635D-5 11/10/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-7-D 11/4/2009	SB-635D F-SB-635D-1 11/10/2009	SB-635D F-SB-635D-11 11/10/2009	SB-635D F-SB-635D-5 11/10/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	218.61 [MDL=1.6]	20.2071 [MDL=1.4]	24.49 [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	218.61 [MDL=1.6]	19.4981 [MDL=1.4]	23.6 [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	190 J [MDL=1.1]	11 [MDL=1]	11 [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	140 J [MDL=1.6]	16 [MDL=1.4]	21 [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	300 J [MDL=1.4]	8.9 [MDL=1.3]	14 [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	94 J [MDL=2]	1.8 U [MDL=1.8]	8.8 [MDL=2.1]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635C F-SB-635C-7-D 11/4/2009	SB-635D F-SB-635D-1 11/10/2009	SB-635D F-SB-635D-11 11/10/2009	SB-635D F-SB-635D-5 11/10/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	270 J [MDL=1.1]	8.1 [MDL=0.95]	12 [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	22 [MDL=1.6]	1.4 U [MDL=1.4]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	64 J [MDL=1.8]	15 [MDL=1.6]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	1080 [MDL=1.6]	59 [MDL=1.4]	66.8 [MDL=1.6]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-635C	SB-635D	SB-635D	SB-635D
SAMPLE ID	F-SB-635C-7-D	F-SB-635D-1	F-SB-635D-11	F-SB-635D-5
SAMPLE DATE	11/4/2009	11/10/2009	11/10/2009	11/10/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-635D	SB-635D	SB-636	SB-636
SAMPLE ID	F-SB-635D-7	F-SB-635D-9	F-SB-636-1	F-SB-636-3
SAMPLE DATE	11/10/2009	11/10/2009	10/7/2009	10/7/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635D F-SB-635D-7 11/10/2009	SB-635D F-SB-635D-9 11/10/2009	SB-636 F-SB-636-1 10/7/2009	SB-636 F-SB-636-3 10/7/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-635D	SB-635D	SB-636	SB-636
SAMPLE ID	F-SB-635D-7	F-SB-635D-9	F-SB-636-1	F-SB-636-3
SAMPLE DATE	11/10/2009	11/10/2009	10/7/2009	10/7/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635D F-SB-635D-7 11/10/2009	SB-635D F-SB-635D-9 11/10/2009	SB-636 F-SB-636-1 10/7/2009	SB-636 F-SB-636-3 10/7/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635D F-SB-635D-7 11/10/2009	SB-635D F-SB-635D-9 11/10/2009	SB-636 F-SB-636-1 10/7/2009	SB-636 F-SB-636-3 10/7/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	163.09 [MDL=1.5]	115.8 [MDL=1.7]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	163.09 [MDL=1.5]	115.8 [MDL=1.7]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	130 [MDL=1.1]	65 J [MDL=1.2]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	110 [MDL=1.5]	77 [MDL=1.7]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	140 [MDL=1.4]	91 [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	58 [MDL=2]	40 J [MDL=2.2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-635D F-SB-635D-7 11/10/2009	SB-635D F-SB-635D-9 11/10/2009	SB-636 F-SB-636-1 10/7/2009	SB-636 F-SB-636-3 10/7/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	110 [MDL=1]	100 J [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	19 [MDL=1.5]	17 [MDL=1.7]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.9 U [MDL=1.9]	64 [MDL=1.7]	57 [MDL=2]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.6]	631 [MDL=1.5]	447 [MDL=1.7]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	24 U [MDL=24]	27 U [MDL=27]
AROCLOR-1221	--	--	19 U [MDL=19]	21 U [MDL=21]
AROCLOR-1232	--	--	16 U [MDL=16]	18 U [MDL=18]
AROCLOR-1242	--	--	15 U [MDL=15]	17 U [MDL=17]
AROCLOR-1248	--	--	20 U [MDL=20]	22 U [MDL=22]
AROCLOR-1254	--	--	20 U [MDL=20]	22 U [MDL=22]
AROCLOR-1260	--	--	20 U [MDL=20]	22 U [MDL=22]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-635D	SB-635D	SB-636	SB-636
SAMPLE ID	F-SB-635D-7	F-SB-635D-9	F-SB-636-1	F-SB-636-3
SAMPLE DATE	11/10/2009	11/10/2009	10/7/2009	10/7/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	0 U [MDL=24]	0 U [MDL=27]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-636	SB-636	SB-636	SB-636
SAMPLE ID	F-SB-636-3-D	F-SB-636-5	F-SB-636-7	F-SB-636-9
SAMPLE DATE	10/7/2009	10/7/2009	10/19/2009	10/19/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636 F-SB-636-3-D 10/7/2009	SB-636 F-SB-636-5 10/7/2009	SB-636 F-SB-636-7 10/19/2009	SB-636 F-SB-636-9 10/19/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636 F-SB-636-3-D 10/7/2009	SB-636 F-SB-636-5 10/7/2009	SB-636 F-SB-636-7 10/19/2009	SB-636 F-SB-636-9 10/19/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636 F-SB-636-3-D 10/7/2009	SB-636 F-SB-636-5 10/7/2009	SB-636 F-SB-636-7 10/19/2009	SB-636 F-SB-636-9 10/19/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636 F-SB-636-3-D 10/7/2009	SB-636 F-SB-636-5 10/7/2009	SB-636 F-SB-636-7 10/19/2009	SB-636 F-SB-636-9 10/19/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	86.452 [MDL=1.7]	315.41 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	86.452 [MDL=1.7]	315.41 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	38 J [MDL=1.2]	230 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	53 [MDL=1.7]	220 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	79 [MDL=1.5]	290 [MDL=1.3]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	20 J [MDL=2.2]	120 [MDL=1.9]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636 F-SB-636-3-D 10/7/2009	SB-636 F-SB-636-5 10/7/2009	SB-636 F-SB-636-7 10/19/2009	SB-636 F-SB-636-9 10/19/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	52 J [MDL=1.2]	210 [MDL=1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	17 [MDL=1.7]	29 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	45 [MDL=1.9]	130 [MDL=1.7]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	304 [MDL=1.7]	1229 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	27 U [MDL=27]	24 U [MDL=24]	--	--
AROCLOR-1221	21 U [MDL=21]	18 U [MDL=18]	--	--
AROCLOR-1232	18 U [MDL=18]	16 U [MDL=16]	--	--
AROCLOR-1242	17 U [MDL=17]	15 U [MDL=15]	--	--
AROCLOR-1248	22 U [MDL=22]	19 U [MDL=19]	--	--
AROCLOR-1254	22 U [MDL=22]	19 U [MDL=19]	--	--
AROCLOR-1260	22 U [MDL=22]	27 J [MDL=19]	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-636	SB-636	SB-636	SB-636
SAMPLE ID	F-SB-636-3-D	F-SB-636-5	F-SB-636-7	F-SB-636-9
SAMPLE DATE	10/7/2009	10/7/2009	10/19/2009	10/19/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=27]	27 [MDL=24]	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-636A	SB-636A	SB-636A	SB-636A
SAMPLE ID	F-SB-636A-1	F-SB-636A-3	F-SB-636A-5	F-SB-636A-7
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-1 11/5/2009	SB-636A F-SB-636A-3 11/5/2009	SB-636A F-SB-636A-5 11/5/2009	SB-636A F-SB-636A-7 11/5/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-1 11/5/2009	SB-636A F-SB-636A-3 11/5/2009	SB-636A F-SB-636A-5 11/5/2009	SB-636A F-SB-636A-7 11/5/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-1 11/5/2009	SB-636A F-SB-636A-3 11/5/2009	SB-636A F-SB-636A-5 11/5/2009	SB-636A F-SB-636A-7 11/5/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-1 11/5/2009	SB-636A F-SB-636A-3 11/5/2009	SB-636A F-SB-636A-5 11/5/2009	SB-636A F-SB-636A-7 11/5/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	409.6 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	409.6 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	290 [MDL=1.1]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	270 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	400 [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	130 [MDL=2]	2.0 U [MDL=2]	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-1 11/5/2009	SB-636A F-SB-636A-3 11/5/2009	SB-636A F-SB-636A-5 11/5/2009	SB-636A F-SB-636A-7 11/5/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	300 [MDL=1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	53 [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	160 [MDL=1.7]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	1603 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-636A	SB-636A	SB-636A	SB-636A
SAMPLE ID	F-SB-636A-1	F-SB-636A-3	F-SB-636A-5	F-SB-636A-7
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-636A	SB-636B	SB-636B	SB-636B
SAMPLE ID	F-SB-636A-7-D	F-SB-636B-1	F-SB-636B-3	F-SB-636B-5
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-7-D 11/5/2009	SB-636B F-SB-636B-1 11/5/2009	SB-636B F-SB-636B-3 11/5/2009	SB-636B F-SB-636B-5 11/5/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-7-D 11/5/2009	SB-636B F-SB-636B-1 11/5/2009	SB-636B F-SB-636B-3 11/5/2009	SB-636B F-SB-636B-5 11/5/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-7-D 11/5/2009	SB-636B F-SB-636B-1 11/5/2009	SB-636B F-SB-636B-3 11/5/2009	SB-636B F-SB-636B-5 11/5/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-7-D 11/5/2009	SB-636B F-SB-636B-1 11/5/2009	SB-636B F-SB-636B-3 11/5/2009	SB-636B F-SB-636B-5 11/5/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1412.29 [MDL=3]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1412.29 [MDL=3]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	790 [MDL=2.2]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	950 [MDL=3]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1200 [MDL=2.8]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	540 [MDL=4]	2.0 U [MDL=2]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636A F-SB-636A-7-D 11/5/2009	SB-636B F-SB-636B-1 11/5/2009	SB-636B F-SB-636B-3 11/5/2009	SB-636B F-SB-636B-5 11/5/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	890 [MDL=2.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	200 [MDL=3]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	570 [MDL=3.5]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	5140 [MDL=3]	0 U [MDL=1.5]	0 U [MDL=1.6]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION	SB-636A	SB-636B	SB-636B	SB-636B
SAMPLE ID	F-SB-636A-7-D	F-SB-636B-1	F-SB-636B-3	F-SB-636B-5
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-636B	SB-636C	SB-636C	SB-636C
SAMPLE ID	F-SB-636B-7	F-SB-636C-1	F-SB-636C-3	F-SB-636C-5
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--

Block F Soil Remedial Action Plan Appendix
SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636B F-SB-636B-7 11/5/2009	SB-636C F-SB-636C-1 11/5/2009	SB-636C F-SB-636C-3 11/5/2009	SB-636C F-SB-636C-5 11/5/2009
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636B F-SB-636B-7 11/5/2009	SB-636C F-SB-636C-1 11/5/2009	SB-636C F-SB-636C-3 11/5/2009	SB-636C F-SB-636C-5 11/5/2009
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636B F-SB-636B-7 11/5/2009	SB-636C F-SB-636C-1 11/5/2009	SB-636C F-SB-636C-3 11/5/2009	SB-636C F-SB-636C-5 11/5/2009
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636B F-SB-636B-7 11/5/2009	SB-636C F-SB-636C-1 11/5/2009	SB-636C F-SB-636C-3 11/5/2009	SB-636C F-SB-636C-5 11/5/2009
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	7120.2 [MDL=10]	389.77 [MDL=1.5]	38.412 [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	7120.2 [MDL=10]	389.77 [MDL=1.5]	37.662 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	5700 [MDL=7.4]	310 [MDL=1.1]	24 [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	4800 [MDL=10]	260 [MDL=1.5]	30 [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	7000 [MDL=9.3]	350 [MDL=1.4]	29 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2500 [MDL=13]	150 [MDL=2]	14 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-636B F-SB-636B-7 11/5/2009	SB-636C F-SB-636C-1 11/5/2009	SB-636C F-SB-636C-3 11/5/2009	SB-636C F-SB-636C-5 11/5/2009
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	5200 [MDL=7]	270 [MDL=1.1]	22 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	750 [MDL=10]	48 [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	2700 [MDL=12]	140 [MDL=1.8]	22 [MDL=1.8]
NAPHTHALENE	--	--	--	--
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	28650 [MDL=10]	1528 [MDL=1.5]	141 [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--

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SOIL

LOCATION	SB-636B	SB-636C	SB-636C	SB-636C
SAMPLE ID	F-SB-636B-7	F-SB-636C-1	F-SB-636C-3	F-SB-636C-5
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix C

SOIL

LOCATION	SB-636C	SB-636D	SB-636D	SB-636D
SAMPLE ID	F-SB-636C-7	F-SB-636D-1	F-SB-636D-3	F-SB-636D-5
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix C

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LOCATION SAMPLE ID SAMPLE DATE	SB-636C F-SB-636C-7 11/5/2009	SB-636D F-SB-636D-1 11/5/2009	SB-636D F-SB-636D-3 11/5/2009	SB-636D F-SB-636D-5 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-636C F-SB-636C-7 11/5/2009	SB-636D F-SB-636D-1 11/5/2009	SB-636D F-SB-636D-3 11/5/2009	SB-636D F-SB-636D-5 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-636C F-SB-636C-7 11/5/2009	SB-636D F-SB-636D-1 11/5/2009	SB-636D F-SB-636D-3 11/5/2009	SB-636D F-SB-636D-5 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	6756.9 [MDL=9.5]	33.561 [MDL=1.7]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	6756.9 [MDL=9.5]	32.711 [MDL=1.7]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	4900 [MDL=7]	29 [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	4700 [MDL=9.5]	25 [MDL=1.7]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	6200 [MDL=8.8]	35 [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.9 U [MDL=1.9]	2200 [MDL=12]	8.6 [MDL=2.2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.0 U [MDL=1]	4900 [MDL=6.6]	25 [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	660 [MDL=9.5]	1.7 U [MDL=1.7]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	2600 [MDL=11]	12 [MDL=1.9]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-636C F-SB-636C-7 11/5/2009	SB-636D F-SB-636D-1 11/5/2009	SB-636D F-SB-636D-3 11/5/2009	SB-636D F-SB-636D-5 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	26160 [MDL=9.5]	134.6 [MDL=1.7]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-636D	SB-637	SB-637	SB-637
SAMPLE ID	F-SB-636D-7	F-SB-637-1	F-SB-637-3	F-SB-637-5
SAMPLE DATE	11/5/2009	10/7/2009	10/7/2009	10/7/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636D F-SB-636D-7 11/5/2009	SB-637 F-SB-637-1 10/7/2009	SB-637 F-SB-637-3 10/7/2009	SB-637 F-SB-637-5 10/7/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636D F-SB-636D-7 11/5/2009	SB-637 F-SB-637-1 10/7/2009	SB-637 F-SB-637-3 10/7/2009	SB-637 F-SB-637-5 10/7/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636D F-SB-636D-7 11/5/2009	SB-637 F-SB-637-1 10/7/2009	SB-637 F-SB-637-3 10/7/2009	SB-637 F-SB-637-5 10/7/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636D F-SB-636D-7 11/5/2009	SB-637 F-SB-637-1 10/7/2009	SB-637 F-SB-637-3 10/7/2009	SB-637 F-SB-637-5 10/7/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1185.74 [MDL=1.5]	3.7015 [MDL=1.6]	68.15 [MDL=1.6]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1185.74 [MDL=1.5]	2.001 [MDL=1.6]	67.35 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	900 [MDL=1.1]	8.9 [MDL=1.2]	54 [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	820 [MDL=1.5]	1.6 U [MDL=1.6]	51 [MDL=1.6]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1100 [MDL=1.4]	11 [MDL=1.5]	79 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	390 [MDL=1.9]	2.1 U [MDL=2.1]	28 [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	840 [MDL=1]	11 [MDL=1.1]	70 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	120 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	410 [MDL=1.7]	1.8 U [MDL=1.8]	27 [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-636D F-SB-636D-7 11/5/2009	SB-637 F-SB-637-1 10/7/2009	SB-637 F-SB-637-3 10/7/2009	SB-637 F-SB-637-5 10/7/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	4580 [MDL=1.5]	30.9 [MDL=1.6]	309 [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	24 U [MDL=24]	26 U [MDL=26]	25 U [MDL=25]
AROCLOR-1221	--	18 U [MDL=18]	19 U [MDL=19]	19 U [MDL=19]
AROCLOR-1232	--	16 U [MDL=16]	17 U [MDL=17]	17 U [MDL=17]
AROCLOR-1242	--	15 U [MDL=15]	16 U [MDL=16]	16 U [MDL=16]
AROCLOR-1248	--	19 U [MDL=19]	21 U [MDL=21]	21 U [MDL=21]
AROCLOR-1254	--	19 U [MDL=19]	21 U [MDL=21]	21 U [MDL=21]
AROCLOR-1260	--	19 U [MDL=19]	21 U [MDL=21]	21 U [MDL=21]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	0 U [MDL=24]	0 U [MDL=26]	0 U [MDL=25]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-637B	SB-637B	SB-637B	SB-637B
SAMPLE ID	F-SB-637B-1	F-SB-637B-3	F-SB-637B-5	F-SB-637B-5-D
SAMPLE DATE	11/6/2009	11/6/2009	11/6/2009	11/6/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637B F-SB-637B-1 11/6/2009	SB-637B F-SB-637B-3 11/6/2009	SB-637B F-SB-637B-5 11/6/2009	SB-637B F-SB-637B-5-D 11/6/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637B F-SB-637B-1 11/6/2009	SB-637B F-SB-637B-3 11/6/2009	SB-637B F-SB-637B-5 11/6/2009	SB-637B F-SB-637B-5-D 11/6/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637B F-SB-637B-1 11/6/2009	SB-637B F-SB-637B-3 11/6/2009	SB-637B F-SB-637B-5 11/6/2009	SB-637B F-SB-637B-5-D 11/6/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-637B	SB-637B	SB-637B	SB-637B
SAMPLE ID	F-SB-637B-1	F-SB-637B-3	F-SB-637B-5	F-SB-637B-5-D
SAMPLE DATE	11/6/2009	11/6/2009	11/6/2009	11/6/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	6953.3 [MDL=7.8]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	6953.3 [MDL=7.8]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	6200 [MDL=5.7]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	4600 [MDL=7.8]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	6500 [MDL=7.2]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2800 [MDL=10]	2.0 U [MDL=2]	2.1 U [MDL=2.1]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	5300 [MDL=5.4]	1.0 U [MDL=1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	790 [MDL=7.8]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	2600 [MDL=9]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637B F-SB-637B-1 11/6/2009	SB-637B F-SB-637B-3 11/6/2009	SB-637B F-SB-637B-5 11/6/2009	SB-637B F-SB-637B-5-D 11/6/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	28790 [MDL=7.8]	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-637C	SB-637C	SB-637C	SB-638
SAMPLE ID	F-SB-637C-1	F-SB-637C-3	F-SB-637C-5	F-SB-638-1
SAMPLE DATE	11/6/2009	11/6/2009	11/6/2009	10/7/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637C F-SB-637C-1 11/6/2009	SB-637C F-SB-637C-3 11/6/2009	SB-637C F-SB-637C-5 11/6/2009	SB-638 F-SB-638-1 10/7/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637C F-SB-637C-1 11/6/2009	SB-637C F-SB-637C-3 11/6/2009	SB-637C F-SB-637C-5 11/6/2009	SB-638 F-SB-638-1 10/7/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637C F-SB-637C-1 11/6/2009	SB-637C F-SB-637C-3 11/6/2009	SB-637C F-SB-637C-5 11/6/2009	SB-638 F-SB-638-1 10/7/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637C F-SB-637C-1 11/6/2009	SB-637C F-SB-637C-3 11/6/2009	SB-637C F-SB-637C-5 11/6/2009	SB-638 F-SB-638-1 10/7/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2075.2 [MDL=3.1]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BAP EQUIVALENT-POS	2075.2 [MDL=3.1]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1700 [MDL=2.3]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]
BENZO(A)PYRENE	1400 [MDL=3.1]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(B)FLUORANTHENE	1900 [MDL=2.9]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.3 U [MDL=1.3]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	870 [MDL=4.1]	1.9 U [MDL=1.9]	2.0 U [MDL=2]	1.8 U [MDL=1.8]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1500 [MDL=2.2]	1.0 U [MDL=1]	1.0 U [MDL=1]	0.97 U [MDL=0.97]
DIBENZO(A,H)ANTHRACENE	230 [MDL=3.1]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	750 [MDL=3.6]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-637C F-SB-637C-1 11/6/2009	SB-637C F-SB-637C-3 11/6/2009	SB-637C F-SB-637C-5 11/6/2009	SB-638 F-SB-638-1 10/7/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	8350 [MDL=3.1]	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.4]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	23 U [MDL=23]
AROCLOR-1221	--	--	--	17 U [MDL=17]
AROCLOR-1232	--	--	--	15 U [MDL=15]
AROCLOR-1242	--	--	--	14 U [MDL=14]
AROCLOR-1248	--	--	--	18 U [MDL=18]
AROCLOR-1254	--	--	--	18 U [MDL=18]
AROCLOR-1260	--	--	--	18 U [MDL=18]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	0 U [MDL=23]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-638	SB-638	SB-638	SB-639
SAMPLE ID	F-SB-638-3	F-SB-638-3-D	F-SB-638-5	F-SB-639-1
SAMPLE DATE	10/7/2009	10/7/2009	10/7/2009	10/7/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-638 F-SB-638-3 10/7/2009	SB-638 F-SB-638-3-D 10/7/2009	SB-638 F-SB-638-5 10/7/2009	SB-639 F-SB-639-1 10/7/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-638 F-SB-638-3 10/7/2009	SB-638 F-SB-638-3-D 10/7/2009	SB-638 F-SB-638-5 10/7/2009	SB-639 F-SB-639-1 10/7/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-638 F-SB-638-3 10/7/2009	SB-638 F-SB-638-3-D 10/7/2009	SB-638 F-SB-638-5 10/7/2009	SB-639 F-SB-639-1 10/7/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-638 F-SB-638-3 10/7/2009	SB-638 F-SB-638-3-D 10/7/2009	SB-638 F-SB-638-5 10/7/2009	SB-639 F-SB-639-1 10/7/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	78.536 [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	77.786 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	62 [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	59 [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	88 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	1.9 U [MDL=1.9]	32 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.0 U [MDL=1]	1.0 U [MDL=1]	66 [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	34 [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-638	SB-638	SB-638	SB-639
SAMPLE ID	F-SB-638-3	F-SB-638-3-D	F-SB-638-5	F-SB-639-1
SAMPLE DATE	10/7/2009	10/7/2009	10/7/2009	10/7/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]	341 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	25 U [MDL=25]	24 U [MDL=24]	24 U [MDL=24]	24 U [MDL=24]
AROCLOR-1221	19 U [MDL=19]	19 U [MDL=19]	18 U [MDL=18]	18 U [MDL=18]
AROCLOR-1232	16 U [MDL=16]	16 U [MDL=16]	16 U [MDL=16]	16 U [MDL=16]
AROCLOR-1242	15 U [MDL=15]	15 U [MDL=15]	15 U [MDL=15]	15 U [MDL=15]
AROCLOR-1248	20 U [MDL=20]	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1254	20 U [MDL=20]	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
AROCLOR-1260	20 U [MDL=20]	20 U [MDL=20]	19 U [MDL=19]	20 U [MDL=20]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	0 U [MDL=24]	0 U [MDL=24]	0 U [MDL=24]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-639	SB-639	SB-640	SB-640
SAMPLE ID	F-SB-639-3	F-SB-639-5	F-SB-640-1	F-SB-640-3
SAMPLE DATE	10/7/2009	10/7/2009	10/7/2009	10/7/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-639 F-SB-639-3 10/7/2009	SB-639 F-SB-639-5 10/7/2009	SB-640 F-SB-640-1 10/7/2009	SB-640 F-SB-640-3 10/7/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-639 F-SB-639-3 10/7/2009	SB-639 F-SB-639-5 10/7/2009	SB-640 F-SB-640-1 10/7/2009	SB-640 F-SB-640-3 10/7/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-639 F-SB-639-3 10/7/2009	SB-639 F-SB-639-5 10/7/2009	SB-640 F-SB-640-1 10/7/2009	SB-640 F-SB-640-3 10/7/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-639 F-SB-639-3 10/7/2009	SB-639 F-SB-639-5 10/7/2009	SB-640 F-SB-640-1 10/7/2009	SB-640 F-SB-640-3 10/7/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	2.43555 [MDL=1.5]	73.797 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	0.78 [MDL=1.5]	73.047 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]	52 [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	55 [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	7.8 [MDL=1.4]	88 [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.0 U [MDL=2]	29 [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	57 [MDL=1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	37 [MDL=1.7]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-639	SB-639	SB-640	SB-640
SAMPLE ID	F-SB-639-3	F-SB-639-5	F-SB-640-1	F-SB-640-3
SAMPLE DATE	10/7/2009	10/7/2009	10/7/2009	10/7/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	7.8 [MDL=1.5]	318 [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	26 U [MDL=26]	25 U [MDL=25]	24 U [MDL=24]	25 U [MDL=25]
AROCLOR-1221	20 U [MDL=20]	19 U [MDL=19]	18 U [MDL=18]	19 U [MDL=19]
AROCLOR-1232	17 U [MDL=17]	16 U [MDL=16]	16 U [MDL=16]	16 U [MDL=16]
AROCLOR-1242	16 U [MDL=16]	15 U [MDL=15]	15 U [MDL=15]	15 U [MDL=15]
AROCLOR-1248	21 U [MDL=21]	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1254	21 U [MDL=21]	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1260	21 U [MDL=21]	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=26]	0 U [MDL=25]	0 U [MDL=24]	0 U [MDL=25]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-640	SB-641	SB-641	SB-641
SAMPLE ID	F-SB-640-5	F-SB-641-1	F-SB-641-3	F-SB-641-5
SAMPLE DATE	10/7/2009	10/6/2009	10/6/2009	10/6/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-640 F-SB-640-5 10/7/2009	SB-641 F-SB-641-1 10/6/2009	SB-641 F-SB-641-3 10/6/2009	SB-641 F-SB-641-5 10/6/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-640 F-SB-640-5 10/7/2009	SB-641 F-SB-641-1 10/6/2009	SB-641 F-SB-641-3 10/6/2009	SB-641 F-SB-641-5 10/6/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-640 F-SB-640-5 10/7/2009	SB-641 F-SB-641-1 10/6/2009	SB-641 F-SB-641-3 10/6/2009	SB-641 F-SB-641-5 10/6/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-640 F-SB-640-5 10/7/2009	SB-641 F-SB-641-1 10/6/2009	SB-641 F-SB-641-3 10/6/2009	SB-641 F-SB-641-5 10/6/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1363.848 [MDL=2.1]	7.4024 [MDL=2.1]	2.2 U [MDL=2.2]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1363.84 [MDL=2.1]	6.5444 [MDL=2.1]	2.2 U [MDL=2.2]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	960 [MDL=1.2]	4.9 J [MDL=1.2]	1.3 U [MDL=1.3]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	860 [MDL=2.1]	4.7 J [MDL=2.1]	2.2 U [MDL=2.2]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1300 [MDL=1.5]	8.1 [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	840 [MDL=1.3]	4.4 J [MDL=1.3]	1.4 U [MDL=1.4]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	210 [MDL=1.6]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	670 [MDL=0.41]	5.4 J [MDL=0.41]	0.43 U [MDL=0.43]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-640	SB-641	SB-641	SB-641
SAMPLE ID	F-SB-640-5	F-SB-641-1	F-SB-641-3	F-SB-641-5
SAMPLE DATE	10/7/2009	10/6/2009	10/6/2009	10/6/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	4840 [MDL=2.1]	27.5 [MDL=2.1]	0 U [MDL=2.2]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	25 U [MDL=25]	--	--	--
AROCLOR-1221	19 U [MDL=19]	--	--	--
AROCLOR-1232	17 U [MDL=17]	--	--	--
AROCLOR-1242	15 U [MDL=15]	--	--	--
AROCLOR-1248	20 U [MDL=20]	--	--	--
AROCLOR-1254	20 U [MDL=20]	--	--	--
AROCLOR-1260	20 U [MDL=20]	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-641A	SB-641A	SB-641B	SB-641B
SAMPLE ID	F-SB-641A-1	F-SB-641A-3	F-SB-641B-1	F-SB-641B-3
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641A F-SB-641A-1 11/4/2009	SB-641A F-SB-641A-3 11/4/2009	SB-641B F-SB-641B-1 11/4/2009	SB-641B F-SB-641B-3 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641A F-SB-641A-1 11/4/2009	SB-641A F-SB-641A-3 11/4/2009	SB-641B F-SB-641B-1 11/4/2009	SB-641B F-SB-641B-3 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641A F-SB-641A-1 11/4/2009	SB-641A F-SB-641A-3 11/4/2009	SB-641B F-SB-641B-1 11/4/2009	SB-641B F-SB-641B-3 11/4/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641A F-SB-641A-1 11/4/2009	SB-641A F-SB-641A-3 11/4/2009	SB-641B F-SB-641B-1 11/4/2009	SB-641B F-SB-641B-3 11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	41.373 [MDL=1.5]	1.5 U [MDL=1.5]	289.14 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	40.623 [MDL=1.5]	1.5 U [MDL=1.5]	289.14 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	31 [MDL=1.1]	1.1 U [MDL=1.1]	190 [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	32 [MDL=1.5]	1.5 U [MDL=1.5]	200 [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	38 [MDL=1.3]	1.4 U [MDL=1.4]	290 [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	19 [MDL=1.9]	2.0 U [MDL=2]	95 [MDL=1.9]	1.9 U [MDL=1.9]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	33 [MDL=1]	1.1 U [MDL=1.1]	190 [MDL=1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	30 [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	15 [MDL=1.7]	1.8 U [MDL=1.8]	100 [MDL=1.7]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641A F-SB-641A-1 11/4/2009	SB-641A F-SB-641A-3 11/4/2009	SB-641B F-SB-641B-1 11/4/2009	SB-641B F-SB-641B-3 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	168 [MDL=1.5]	0 U [MDL=1.5]	1095 [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-641C	SB-641C	SB-642	SB-642
SAMPLE ID	F-SB-641C-1	F-SB-641C-3	F-SB-642-1	F-SB-642-11
SAMPLE DATE	11/4/2009	11/4/2009	10/19/2009	10/19/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641C F-SB-641C-1 11/4/2009	SB-641C F-SB-641C-3 11/4/2009	SB-642 F-SB-642-1 10/19/2009	SB-642 F-SB-642-11 10/19/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641C F-SB-641C-1 11/4/2009	SB-641C F-SB-641C-3 11/4/2009	SB-642 F-SB-642-1 10/19/2009	SB-642 F-SB-642-11 10/19/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641C F-SB-641C-1 11/4/2009	SB-641C F-SB-641C-3 11/4/2009	SB-642 F-SB-642-1 10/19/2009	SB-642 F-SB-642-11 10/19/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-641C F-SB-641C-1 11/4/2009	SB-641C F-SB-641C-3 11/4/2009	SB-642 F-SB-642-1 10/19/2009	SB-642 F-SB-642-11 10/19/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	9111.3 [MDL=10]	1.5 U [MDL=1.5]	1495.18 [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	9111.3 [MDL=10]	1.5 U [MDL=1.5]	1495.18 [MDL=1.4]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	7400 [MDL=7.4]	1.1 U [MDL=1.1]	1100 [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	6300 [MDL=10]	1.5 U [MDL=1.5]	1000 [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	8900 [MDL=9.3]	1.4 U [MDL=1.4]	1200 [MDL=1.3]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	3500 [MDL=13]	1.9 U [MDL=1.9]	620 [MDL=1.9]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	6300 [MDL=7]	1.0 U [MDL=1]	980 [MDL=1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	840 [MDL=10]	1.5 U [MDL=1.5]	200 [MDL=1.4]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	3000 [MDL=12]	1.7 U [MDL=1.7]	580 [MDL=1.7]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-641C F-SB-641C-1 11/4/2009	SB-641C F-SB-641C-3 11/4/2009	SB-642 F-SB-642-1 10/19/2009	SB-642 F-SB-642-11 10/19/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	36240 [MDL=10]	0 U [MDL=1.5]	5680 [MDL=1.4]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-642	SB-642	SB-642	SB-642
SAMPLE ID	F-SB-642-13	F-SB-642-15	F-SB-642-3	F-SB-642-3-D
SAMPLE DATE	10/19/2009	10/19/2009	10/19/2009	10/19/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-13 10/19/2009	SB-642 F-SB-642-15 10/19/2009	SB-642 F-SB-642-3 10/19/2009	SB-642 F-SB-642-3-D 10/19/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-13 10/19/2009	SB-642 F-SB-642-15 10/19/2009	SB-642 F-SB-642-3 10/19/2009	SB-642 F-SB-642-3-D 10/19/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-13 10/19/2009	SB-642 F-SB-642-15 10/19/2009	SB-642 F-SB-642-3 10/19/2009	SB-642 F-SB-642-3-D 10/19/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	191.16 [MDL=1.6]	27.939 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	191.16 [MDL=1.6]	27.139 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	110 [MDL=1.2]	18 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	130 [MDL=1.6]	21 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	170 [MDL=1.5]	28 [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	73 [MDL=2.1]	12 [MDL=2.1]	1.9 U [MDL=1.9]	1.9 U [MDL=1.9]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	130 [MDL=1.1]	19 [MDL=1.1]	1.0 U [MDL=1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	24 [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	83 [MDL=1.9]	14 [MDL=1.8]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-13 10/19/2009	SB-642 F-SB-642-15 10/19/2009	SB-642 F-SB-642-3 10/19/2009	SB-642 F-SB-642-3-D 10/19/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	720 [MDL=1.6]	112 [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-642	SB-642	SB-642	SB-642A
SAMPLE ID	F-SB-642-5	F-SB-642-7	F-SB-642-9	F-SB-642A-1
SAMPLE DATE	10/19/2009	10/19/2009	10/19/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-5 10/19/2009	SB-642 F-SB-642-7 10/19/2009	SB-642 F-SB-642-9 10/19/2009	SB-642A F-SB-642A-1 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-5 10/19/2009	SB-642 F-SB-642-7 10/19/2009	SB-642 F-SB-642-9 10/19/2009	SB-642A F-SB-642A-1 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-5 10/19/2009	SB-642 F-SB-642-7 10/19/2009	SB-642 F-SB-642-9 10/19/2009	SB-642A F-SB-642A-1 11/4/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-5 10/19/2009	SB-642 F-SB-642-7 10/19/2009	SB-642 F-SB-642-9 10/19/2009	SB-642A F-SB-642A-1 11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	27.59 [MDL=1.5]	1.5 U [MDL=1.5]	576.55 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	26.84 [MDL=1.5]	1.5 U [MDL=1.5]	576.55 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	19 [MDL=1.1]	1.1 U [MDL=1.1]	350 [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	21 [MDL=1.5]	1.5 U [MDL=1.5]	410 [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	26 [MDL=1.4]	1.4 U [MDL=1.4]	500 [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	12 [MDL=2]	2.0 U [MDL=2]	220 [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	20 [MDL=1.1]	1.1 U [MDL=1.1]	350 [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	54 [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	12 [MDL=1.8]	1.8 U [MDL=1.8]	250 [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642 F-SB-642-5 10/19/2009	SB-642 F-SB-642-7 10/19/2009	SB-642 F-SB-642-9 10/19/2009	SB-642A F-SB-642A-1 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	110 [MDL=1.5]	0 U [MDL=1.5]	2134 [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-642A	SB-642A	SB-642A	SB-642A
SAMPLE ID	F-SB-642A-11	F-SB-642A-13	F-SB-642A-15	F-SB-642A-3
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-11 11/4/2009	SB-642A F-SB-642A-13 11/4/2009	SB-642A F-SB-642A-15 11/4/2009	SB-642A F-SB-642A-3 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-11 11/4/2009	SB-642A F-SB-642A-13 11/4/2009	SB-642A F-SB-642A-15 11/4/2009	SB-642A F-SB-642A-3 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-11 11/4/2009	SB-642A F-SB-642A-13 11/4/2009	SB-642A F-SB-642A-15 11/4/2009	SB-642A F-SB-642A-3 11/4/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-11 11/4/2009	SB-642A F-SB-642A-13 11/4/2009	SB-642A F-SB-642A-15 11/4/2009	SB-642A F-SB-642A-3 11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

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LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-11 11/4/2009	SB-642A F-SB-642A-13 11/4/2009	SB-642A F-SB-642A-15 11/4/2009	SB-642A F-SB-642A-3 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]
PESTICIDES/PCBS (UG/KG)				
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)				
DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-642A	SB-642A	SB-642A	SB-642B
SAMPLE ID	F-SB-642A-5	F-SB-642A-7	F-SB-642A-9	F-SB-642B-1
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-5 11/4/2009	SB-642A F-SB-642A-7 11/4/2009	SB-642A F-SB-642A-9 11/4/2009	SB-642B F-SB-642B-1 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-5 11/4/2009	SB-642A F-SB-642A-7 11/4/2009	SB-642A F-SB-642A-9 11/4/2009	SB-642B F-SB-642B-1 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-5 11/4/2009	SB-642A F-SB-642A-7 11/4/2009	SB-642A F-SB-642A-9 11/4/2009	SB-642B F-SB-642B-1 11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	56.598 [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	55.848 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	42 [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	44 [MDL=1.5]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	48 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.0 U [MDL=2]	2.0 U [MDL=2]	40 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]	48 [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	24 [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642A F-SB-642A-5 11/4/2009	SB-642A F-SB-642A-7 11/4/2009	SB-642A F-SB-642A-9 11/4/2009	SB-642B F-SB-642B-1 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]	246 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-642B	SB-642B	SB-642B	SB-642B
SAMPLE ID	F-SB-642B-11	F-SB-642B-13	F-SB-642B-15	F-SB-642B-3
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-11 11/4/2009	SB-642B F-SB-642B-13 11/4/2009	SB-642B F-SB-642B-15 11/4/2009	SB-642B F-SB-642B-3 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-11 11/4/2009	SB-642B F-SB-642B-13 11/4/2009	SB-642B F-SB-642B-15 11/4/2009	SB-642B F-SB-642B-3 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-11 11/4/2009	SB-642B F-SB-642B-13 11/4/2009	SB-642B F-SB-642B-15 11/4/2009	SB-642B F-SB-642B-3 11/4/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-642B	SB-642B	SB-642B	SB-642B
SAMPLE ID	F-SB-642B-11	F-SB-642B-13	F-SB-642B-15	F-SB-642B-3
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	12.3183 [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	11.4183 [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	9.1 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	9.5 [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	10 [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.0 U [MDL=2]	2.1 U [MDL=2.1]	1.9 U [MDL=1.9]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	8.3 [MDL=1.1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-11 11/4/2009	SB-642B F-SB-642B-13 11/4/2009	SB-642B F-SB-642B-15 11/4/2009	SB-642B F-SB-642B-3 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	36.9 [MDL=1.6]	0 U [MDL=1.6]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-642B	SB-642B	SB-642B	SB-642C
SAMPLE ID	F-SB-642B-5	F-SB-642B-7	F-SB-642B-9	F-SB-642C-1
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-5 11/4/2009	SB-642B F-SB-642B-7 11/4/2009	SB-642B F-SB-642B-9 11/4/2009	SB-642C F-SB-642C-1 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-5 11/4/2009	SB-642B F-SB-642B-7 11/4/2009	SB-642B F-SB-642B-9 11/4/2009	SB-642C F-SB-642C-1 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-5 11/4/2009	SB-642B F-SB-642B-7 11/4/2009	SB-642B F-SB-642B-9 11/4/2009	SB-642C F-SB-642C-1 11/4/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-5 11/4/2009	SB-642B F-SB-642B-7 11/4/2009	SB-642B F-SB-642B-9 11/4/2009	SB-642C F-SB-642C-1 11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	201.22 [MDL=1.6]	9.80555 [MDL=1.5]	1.5 U [MDL=1.5]	1.737 [MDL=1.5]
BAP EQUIVALENT-POS	201.22 [MDL=1.6]	8.9 [MDL=1.5]	1.5 U [MDL=1.5]	0.012 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	130 [MDL=1.2]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	140 [MDL=1.6]	7.8 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	180 [MDL=1.5]	11 [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	89 [MDL=2.1]	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	130 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	12 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	21 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	82 [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642B F-SB-642B-5 11/4/2009	SB-642B F-SB-642B-7 11/4/2009	SB-642B F-SB-642B-9 11/4/2009	SB-642C F-SB-642C-1 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	772 [MDL=1.6]	18.8 [MDL=1.5]	0 U [MDL=1.5]	12 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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LOCATION	SB-642C	SB-642C	SB-642C	SB-642C
SAMPLE ID	F-SB-642C-11	F-SB-642C-13	F-SB-642C-15	F-SB-642C-3
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-11 11/4/2009	SB-642C F-SB-642C-13 11/4/2009	SB-642C F-SB-642C-15 11/4/2009	SB-642C F-SB-642C-3 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-11 11/4/2009	SB-642C F-SB-642C-13 11/4/2009	SB-642C F-SB-642C-15 11/4/2009	SB-642C F-SB-642C-3 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-11 11/4/2009	SB-642C F-SB-642C-13 11/4/2009	SB-642C F-SB-642C-15 11/4/2009	SB-642C F-SB-642C-3 11/4/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-11 11/4/2009	SB-642C F-SB-642C-13 11/4/2009	SB-642C F-SB-642C-15 11/4/2009	SB-642C F-SB-642C-3 11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	2.58555 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	0.83 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	8.3 [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-11 11/4/2009	SB-642C F-SB-642C-13 11/4/2009	SB-642C F-SB-642C-15 11/4/2009	SB-642C F-SB-642C-3 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	8.3 [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-642C	SB-642C	SB-642C	SB-642C
SAMPLE ID	F-SB-642C-5	F-SB-642C-7	F-SB-642C-7-D	F-SB-642C-9
SAMPLE DATE	11/4/2009	11/4/2009	11/4/2009	11/4/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-5 11/4/2009	SB-642C F-SB-642C-7 11/4/2009	SB-642C F-SB-642C-7-D 11/4/2009	SB-642C F-SB-642C-9 11/4/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-5 11/4/2009	SB-642C F-SB-642C-7 11/4/2009	SB-642C F-SB-642C-7-D 11/4/2009	SB-642C F-SB-642C-9 11/4/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-5 11/4/2009	SB-642C F-SB-642C-7 11/4/2009	SB-642C F-SB-642C-7-D 11/4/2009	SB-642C F-SB-642C-9 11/4/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-5 11/4/2009	SB-642C F-SB-642C-7 11/4/2009	SB-642C F-SB-642C-7-D 11/4/2009	SB-642C F-SB-642C-9 11/4/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-642C F-SB-642C-5 11/4/2009	SB-642C F-SB-642C-7 11/4/2009	SB-642C F-SB-642C-7-D 11/4/2009	SB-642C F-SB-642C-9 11/4/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643	SB-643	SB-643	SB-643
SAMPLE ID	F-SB-643-1	F-SB-643-11	F-SB-643-13	F-SB-643-15
SAMPLE DATE	10/16/2009	10/16/2009	10/16/2009	10/16/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-1 10/16/2009	SB-643 F-SB-643-11 10/16/2009	SB-643 F-SB-643-13 10/16/2009	SB-643 F-SB-643-15 10/16/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-1 10/16/2009	SB-643 F-SB-643-11 10/16/2009	SB-643 F-SB-643-13 10/16/2009	SB-643 F-SB-643-15 10/16/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-1 10/16/2009	SB-643 F-SB-643-11 10/16/2009	SB-643 F-SB-643-13 10/16/2009	SB-643 F-SB-643-15 10/16/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-1 10/16/2009	SB-643 F-SB-643-11 10/16/2009	SB-643 F-SB-643-13 10/16/2009	SB-643 F-SB-643-15 10/16/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	708.4 [MDL=1.6]	225.34 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	708.4 [MDL=1.6]	225.34 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	360 [MDL=1.2]	140 [MDL=1.1]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	490 [MDL=1.6]	160 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	630 [MDL=1.5]	180 [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	300 [MDL=2.1]	110 [MDL=2]	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	400 [MDL=1.1]	140 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	87 [MDL=1.6]	23 [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	290 [MDL=1.9]	91 [MDL=1.8]	1.9 U [MDL=1.9]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-1 10/16/2009	SB-643 F-SB-643-11 10/16/2009	SB-643 F-SB-643-13 10/16/2009	SB-643 F-SB-643-15 10/16/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	2557 [MDL=1.6]	844 [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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LOCATION	SB-643	SB-643	SB-643	SB-643
SAMPLE ID	F-SB-643-3	F-SB-643-5	F-SB-643-7	F-SB-643-9
SAMPLE DATE	10/16/2009	10/16/2009	10/16/2009	10/16/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-3 10/16/2009	SB-643 F-SB-643-5 10/16/2009	SB-643 F-SB-643-7 10/16/2009	SB-643 F-SB-643-9 10/16/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-3 10/16/2009	SB-643 F-SB-643-5 10/16/2009	SB-643 F-SB-643-7 10/16/2009	SB-643 F-SB-643-9 10/16/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-3 10/16/2009	SB-643 F-SB-643-5 10/16/2009	SB-643 F-SB-643-7 10/16/2009	SB-643 F-SB-643-9 10/16/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643	SB-643	SB-643	SB-643
SAMPLE ID	F-SB-643-3	F-SB-643-5	F-SB-643-7	F-SB-643-9
SAMPLE DATE	10/16/2009	10/16/2009	10/16/2009	10/16/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.9 U [MDL=1.9]	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.0 U [MDL=1]	1.1 U [MDL=1.1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643 F-SB-643-3 10/16/2009	SB-643 F-SB-643-5 10/16/2009	SB-643 F-SB-643-7 10/16/2009	SB-643 F-SB-643-9 10/16/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643B	SB-643B	SB-643B	SB-643B
SAMPLE ID	F-SB-643B-1	F-SB-643B-11	F-SB-643B-13	F-SB-643B-15
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-1 11/5/2009	SB-643B F-SB-643B-11 11/5/2009	SB-643B F-SB-643B-13 11/5/2009	SB-643B F-SB-643B-15 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-1 11/5/2009	SB-643B F-SB-643B-11 11/5/2009	SB-643B F-SB-643B-13 11/5/2009	SB-643B F-SB-643B-15 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-1 11/5/2009	SB-643B F-SB-643B-11 11/5/2009	SB-643B F-SB-643B-13 11/5/2009	SB-643B F-SB-643B-15 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643B	SB-643B	SB-643B	SB-643B
SAMPLE ID	F-SB-643B-1	F-SB-643B-11	F-SB-643B-13	F-SB-643B-15
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	118.119 [MDL=1.5]	1.5 U [MDL=1.5]	25.329 [MDL=1.7]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	118.119 [MDL=1.5]	1.5 U [MDL=1.5]	24.479 [MDL=1.7]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	77 [MDL=1.1]	1.1 U [MDL=1.1]	18 [MDL=1.3]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	70 [MDL=1.5]	1.5 U [MDL=1.5]	18 [MDL=1.7]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	110 [MDL=1.4]	1.4 U [MDL=1.4]	36 [MDL=1.6]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	32 [MDL=2]	2.0 U [MDL=2]	12 [MDL=2.2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	99 [MDL=1.1]	1.1 U [MDL=1.1]	19 [MDL=1.2]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	25 [MDL=1.5]	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	40 [MDL=1.8]	1.8 U [MDL=1.8]	9.4 [MDL=2]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-1 11/5/2009	SB-643B F-SB-643B-11 11/5/2009	SB-643B F-SB-643B-13 11/5/2009	SB-643B F-SB-643B-15 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	453 [MDL=1.5]	0 U [MDL=1.5]	112.4 [MDL=1.7]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643B	SB-643B	SB-643B	SB-643B
SAMPLE ID	F-SB-643B-3	F-SB-643B-5	F-SB-643B-7	F-SB-643B-7-D
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-3 11/5/2009	SB-643B F-SB-643B-5 11/5/2009	SB-643B F-SB-643B-7 11/5/2009	SB-643B F-SB-643B-7-D 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-3 11/5/2009	SB-643B F-SB-643B-5 11/5/2009	SB-643B F-SB-643B-7 11/5/2009	SB-643B F-SB-643B-7-D 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-3 11/5/2009	SB-643B F-SB-643B-5 11/5/2009	SB-643B F-SB-643B-7 11/5/2009	SB-643B F-SB-643B-7-D 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643B	SB-643B	SB-643B	SB-643B
SAMPLE ID	F-SB-643B-3	F-SB-643B-5	F-SB-643B-7	F-SB-643B-7-D
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.1 U [MDL=2.1]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.9 U [MDL=1.9]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-3 11/5/2009	SB-643B F-SB-643B-5 11/5/2009	SB-643B F-SB-643B-7 11/5/2009	SB-643B F-SB-643B-7-D 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643B	SB-643C	SB-643C	SB-643C
SAMPLE ID	F-SB-643B-9	F-SB-643C-1	F-SB-643C-11	F-SB-643C-13
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-9 11/5/2009	SB-643C F-SB-643C-1 11/5/2009	SB-643C F-SB-643C-11 11/5/2009	SB-643C F-SB-643C-13 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-9 11/5/2009	SB-643C F-SB-643C-1 11/5/2009	SB-643C F-SB-643C-11 11/5/2009	SB-643C F-SB-643C-13 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-9 11/5/2009	SB-643C F-SB-643C-1 11/5/2009	SB-643C F-SB-643C-11 11/5/2009	SB-643C F-SB-643C-13 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-9 11/5/2009	SB-643C F-SB-643C-1 11/5/2009	SB-643C F-SB-643C-11 11/5/2009	SB-643C F-SB-643C-13 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.6 U [MDL=1.6]	269.13 [MDL=1.7]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.6 U [MDL=1.6]	269.13 [MDL=1.7]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]	180 [MDL=1.3]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.6 U [MDL=1.6]	170 [MDL=1.7]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.3 U [MDL=1.3]	1.4 U [MDL=1.4]	230 [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	1.9 U [MDL=1.9]	2.0 U [MDL=2]	97 [MDL=2.3]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	0.99 U [MDL=0.99]	1.1 U [MDL=1.1]	160 [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.6 U [MDL=1.6]	47 [MDL=1.7]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	100 [MDL=2]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643B F-SB-643B-9 11/5/2009	SB-643C F-SB-643C-1 11/5/2009	SB-643C F-SB-643C-11 11/5/2009	SB-643C F-SB-643C-13 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.4]	0 U [MDL=1.6]	984 [MDL=1.7]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643C	SB-643C	SB-643C	SB-643C
SAMPLE ID	F-SB-643C-15	F-SB-643C-3	F-SB-643C-5	F-SB-643C-7
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-15 11/5/2009	SB-643C F-SB-643C-3 11/5/2009	SB-643C F-SB-643C-5 11/5/2009	SB-643C F-SB-643C-7 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-15 11/5/2009	SB-643C F-SB-643C-3 11/5/2009	SB-643C F-SB-643C-5 11/5/2009	SB-643C F-SB-643C-7 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-15 11/5/2009	SB-643C F-SB-643C-3 11/5/2009	SB-643C F-SB-643C-5 11/5/2009	SB-643C F-SB-643C-7 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-15 11/5/2009	SB-643C F-SB-643C-3 11/5/2009	SB-643C F-SB-643C-5 11/5/2009	SB-643C F-SB-643C-7 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	4.06605 [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	2.3 [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	23 [MDL=1.5]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	2.0 U [MDL=2]	2.1 U [MDL=2.1]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.9 U [MDL=1.9]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-15 11/5/2009	SB-643C F-SB-643C-3 11/5/2009	SB-643C F-SB-643C-5 11/5/2009	SB-643C F-SB-643C-7 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	23 [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643C	SB-644	SB-644	SB-644
SAMPLE ID	F-SB-643C-9	F-SB-644-1	F-SB-644-11	F-SB-644-13
SAMPLE DATE	11/5/2009	10/16/2009	10/16/2009	10/16/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-9 11/5/2009	SB-644 F-SB-644-1 10/16/2009	SB-644 F-SB-644-11 10/16/2009	SB-644 F-SB-644-13 10/16/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-9 11/5/2009	SB-644 F-SB-644-1 10/16/2009	SB-644 F-SB-644-11 10/16/2009	SB-644 F-SB-644-13 10/16/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-9 11/5/2009	SB-644 F-SB-644-1 10/16/2009	SB-644 F-SB-644-11 10/16/2009	SB-644 F-SB-644-13 10/16/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-643C F-SB-643C-9 11/5/2009	SB-644 F-SB-644-1 10/16/2009	SB-644 F-SB-644-11 10/16/2009	SB-644 F-SB-644-13 10/16/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	89.406 [MDL=1.5]	69.594 [MDL=1.6]	1.5 U [MDL=1.5]	16.963 [MDL=1.5]
BAP EQUIVALENT-POS	89.406 [MDL=1.5]	69.594 [MDL=1.6]	1.5 U [MDL=1.5]	16.113 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	48 [MDL=1.1]	39 [MDL=1.1]	1.1 U [MDL=1.1]	14 [MDL=1.1]
BENZO(A)PYRENE	51 [MDL=1.5]	47 [MDL=1.6]	1.5 U [MDL=1.5]	13 [MDL=1.5]
BENZO(B)FLUORANTHENE	75 [MDL=1.4]	58 [MDL=1.4]	1.4 U [MDL=1.4]	17 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	26 [MDL=2]	25 [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	46 [MDL=1.1]	44 [MDL=1.1]	1.0 U [MDL=1]	13 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	23 [MDL=1.5]	9.4 [MDL=1.6]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	28 [MDL=1.8]	32 [MDL=1.8]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-643C	SB-644	SB-644	SB-644
SAMPLE ID	F-SB-643C-9	F-SB-644-1	F-SB-644-11	F-SB-644-13
SAMPLE DATE	11/5/2009	10/16/2009	10/16/2009	10/16/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	297 [MDL=1.5]	254.4 [MDL=1.6]	0 U [MDL=1.5]	57 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-644	SB-644	SB-644	SB-644
SAMPLE ID	F-SB-644-15	F-SB-644-3	F-SB-644-3-D	F-SB-644-5
SAMPLE DATE	10/16/2009	10/16/2009	10/16/2009	10/16/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-15 10/16/2009	SB-644 F-SB-644-3 10/16/2009	SB-644 F-SB-644-3-D 10/16/2009	SB-644 F-SB-644-5 10/16/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-15 10/16/2009	SB-644 F-SB-644-3 10/16/2009	SB-644 F-SB-644-3-D 10/16/2009	SB-644 F-SB-644-5 10/16/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-15 10/16/2009	SB-644 F-SB-644-3 10/16/2009	SB-644 F-SB-644-3-D 10/16/2009	SB-644 F-SB-644-5 10/16/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-15 10/16/2009	SB-644 F-SB-644-3 10/16/2009	SB-644 F-SB-644-3-D 10/16/2009	SB-644 F-SB-644-5 10/16/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.1 U [MDL=2.1]	2.0 U [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.9 U [MDL=1.9]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-15 10/16/2009	SB-644 F-SB-644-3 10/16/2009	SB-644 F-SB-644-3-D 10/16/2009	SB-644 F-SB-644-5 10/16/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-644	SB-644	SB-645	SB-645
SAMPLE ID	F-SB-644-7	F-SB-644-9	F-SB-645-1	F-SB-645-3
SAMPLE DATE	10/16/2009	10/16/2009	10/6/2009	10/6/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-7 10/16/2009	SB-644 F-SB-644-9 10/16/2009	SB-645 F-SB-645-1 10/6/2009	SB-645 F-SB-645-3 10/6/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-7 10/16/2009	SB-644 F-SB-644-9 10/16/2009	SB-645 F-SB-645-1 10/6/2009	SB-645 F-SB-645-3 10/6/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-644 F-SB-644-7 10/16/2009	SB-644 F-SB-644-9 10/16/2009	SB-645 F-SB-645-1 10/6/2009	SB-645 F-SB-645-3 10/6/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-644	SB-644	SB-645	SB-645
SAMPLE ID	F-SB-644-7	F-SB-644-9	F-SB-645-1	F-SB-645-3
SAMPLE DATE	10/16/2009	10/16/2009	10/6/2009	10/6/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	26715.0465 [MDL=50]	6.9628 [MDL=2.3]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	26715 [MDL=50]	6.0543 [MDL=2.3]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	18000 [MDL=29]	4.9 J [MDL=1.3]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	17000 [MDL=50]	4.4 J [MDL=2.3]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.6 U [MDL=1.6]	28000 [MDL=36]	8.7 [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.2 U [MDL=2.2]	9.3 U [MDL=9.3]	1.7 U [MDL=1.7]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	15000 [MDL=31]	4.3 J [MDL=1.4]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.7 U [MDL=1.7]	4000 [MDL=9.9]	1.8 U [MDL=1.8]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.9 U [MDL=1.9]	11000 [MDL=9.9]	2.9 J [MDL=0.44]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-644	SB-644	SB-645	SB-645
SAMPLE ID	F-SB-644-7	F-SB-644-9	F-SB-645-1	F-SB-645-3
SAMPLE DATE	10/16/2009	10/16/2009	10/6/2009	10/6/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.7]	93000 [MDL=50]	25.2 [MDL=2.3]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-645	SB-645	SB-645A	SB-645A
SAMPLE ID	F-SB-645-5	F-SB-645-7	F-SB-645A-1	F-SB-645A-3
SAMPLE DATE	10/6/2009	10/6/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645 F-SB-645-5 10/6/2009	SB-645 F-SB-645-7 10/6/2009	SB-645A F-SB-645A-1 11/5/2009	SB-645A F-SB-645A-3 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645 F-SB-645-5 10/6/2009	SB-645 F-SB-645-7 10/6/2009	SB-645A F-SB-645A-1 11/5/2009	SB-645A F-SB-645A-3 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645 F-SB-645-5 10/6/2009	SB-645 F-SB-645-7 10/6/2009	SB-645A F-SB-645A-1 11/5/2009	SB-645A F-SB-645A-3 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645 F-SB-645-5 10/6/2009	SB-645 F-SB-645-7 10/6/2009	SB-645A F-SB-645A-1 11/5/2009	SB-645A F-SB-645A-3 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.2847 [MDL=2.2]	2.2862 [MDL=2.2]	110.918 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-POS	0.266 [MDL=2.2]	0.19 [MDL=2.2]	110.918 [MDL=1.5]	1.5 U [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.3 U [MDL=1.3]	68 [MDL=1.1]	1.1 U [MDL=1.1]
BENZO(A)PYRENE	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	66 [MDL=1.5]	1.5 U [MDL=1.5]
BENZO(B)FLUORANTHENE	1.7 J [MDL=1.6]	1.9 J [MDL=1.6]	96 [MDL=1.4]	1.4 U [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]	45 [MDL=2]	2.0 U [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	68 [MDL=1.1]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	24 [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	0.96 J [MDL=0.43]	0.44 U [MDL=0.44]	40 [MDL=1.8]	1.8 U [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

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LOCATION SAMPLE ID SAMPLE DATE	SB-645 F-SB-645-5 10/6/2009	SB-645 F-SB-645-7 10/6/2009	SB-645A F-SB-645A-1 11/5/2009	SB-645A F-SB-645A-3 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	2.66 [MDL=2.2]	1.9 [MDL=2.2]	407 [MDL=1.5]	0 U [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-645B	SB-645B	SB-645B	SB-645C
SAMPLE ID	F-SB-645B-1	F-SB-645B-3	F-SB-645B-3-D	F-SB-645C-1
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-645B F-SB-645B-1 11/5/2009	SB-645B F-SB-645B-3 11/5/2009	SB-645B F-SB-645B-3-D 11/5/2009	SB-645C F-SB-645C-1 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-645B F-SB-645B-1 11/5/2009	SB-645B F-SB-645B-3 11/5/2009	SB-645B F-SB-645B-3-D 11/5/2009	SB-645C F-SB-645C-1 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645B F-SB-645B-1 11/5/2009	SB-645B F-SB-645B-3 11/5/2009	SB-645B F-SB-645B-3-D 11/5/2009	SB-645C F-SB-645C-1 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645B F-SB-645B-1 11/5/2009	SB-645B F-SB-645B-3 11/5/2009	SB-645B F-SB-645B-3-D 11/5/2009	SB-645C F-SB-645C-1 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	112.462 [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	369.44 [MDL=1.5]
BAP EQUIVALENT-POS	112.462 [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	369.44 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	79 [MDL=1.1]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]	260 [MDL=1.1]
BENZO(A)PYRENE	78 [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	240 [MDL=1.5]
BENZO(B)FLUORANTHENE	110 [MDL=1.4]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	330 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	47 [MDL=2]	2.0 U [MDL=2]	2.1 U [MDL=2.1]	120 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	92 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	240 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	11 [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	55 [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	40 [MDL=1.8]	1.8 U [MDL=1.8]	1.9 U [MDL=1.9]	140 [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645B F-SB-645B-1 11/5/2009	SB-645B F-SB-645B-3 11/5/2009	SB-645B F-SB-645B-3-D 11/5/2009	SB-645C F-SB-645C-1 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	457 [MDL=1.6]	0 U [MDL=1.5]	0 U [MDL=1.6]	1385 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-645C	SB-646	SB-646	SB-646
SAMPLE ID	F-SB-645C-3	F-SB-646-1	F-SB-646-3	F-SB-646-3-D
SAMPLE DATE	11/5/2009	10/6/2009	10/6/2009	10/6/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645C F-SB-645C-3 11/5/2009	SB-646 F-SB-646-1 10/6/2009	SB-646 F-SB-646-3 10/6/2009	SB-646 F-SB-646-3-D 10/6/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645C F-SB-645C-3 11/5/2009	SB-646 F-SB-646-1 10/6/2009	SB-646 F-SB-646-3 10/6/2009	SB-646 F-SB-646-3-D 10/6/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-645C F-SB-645C-3 11/5/2009	SB-646 F-SB-646-1 10/6/2009	SB-646 F-SB-646-3 10/6/2009	SB-646 F-SB-646-3-D 10/6/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-645C	SB-646	SB-646	SB-646
SAMPLE ID	F-SB-645C-3	F-SB-646-1	F-SB-646-3	F-SB-646-3-D
SAMPLE DATE	11/5/2009	10/6/2009	10/6/2009	10/6/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.7 U [MDL=1.7]	22.721 [MDL=2.1]	2.4 U [MDL=2.4]	2.2 U [MDL=2.2]
BAP EQUIVALENT-POS	1.7 U [MDL=1.7]	22.713 [MDL=2.1]	2.4 U [MDL=2.4]	2.2 U [MDL=2.2]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	13 [MDL=1.2]	1.4 U [MDL=1.4]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	1.7 U [MDL=1.7]	15 [MDL=2.1]	2.4 U [MDL=2.4]	2.2 U [MDL=2.2]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	24 [MDL=1.5]	1.8 U [MDL=1.8]	1.6 U [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.2 U [MDL=2.2]	1.6 U [MDL=1.6]	1.8 U [MDL=1.8]	1.6 U [MDL=1.6]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.2 U [MDL=1.2]	13 [MDL=1.3]	1.5 U [MDL=1.5]	1.4 U [MDL=1.4]
DIBENZO(A,H)ANTHRACENE	1.7 U [MDL=1.7]	2.8 J [MDL=1.7]	1.9 U [MDL=1.9]	1.7 U [MDL=1.7]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.9 U [MDL=1.9]	12 [MDL=0.42]	0.48 U [MDL=0.48]	0.43 U [MDL=0.43]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-645C	SB-646	SB-646	SB-646
SAMPLE ID	F-SB-645C-3	F-SB-646-1	F-SB-646-3	F-SB-646-3-D
SAMPLE DATE	11/5/2009	10/6/2009	10/6/2009	10/6/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.7]	79.8 [MDL=2.1]	0 U [MDL=2.4]	0 U [MDL=2.2]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-646	SB-646	SB-647	SB-647
SAMPLE ID	F-SB-646-5	F-SB-646-7	F-SB-647-1	F-SB-647-3
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/6/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-646 F-SB-646-5 10/6/2009	SB-646 F-SB-646-7 10/6/2009	SB-647 F-SB-647-1 10/6/2009	SB-647 F-SB-647-3 10/6/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-646 F-SB-646-5 10/6/2009	SB-646 F-SB-646-7 10/6/2009	SB-647 F-SB-647-1 10/6/2009	SB-647 F-SB-647-3 10/6/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-646 F-SB-646-5 10/6/2009	SB-646 F-SB-646-7 10/6/2009	SB-647 F-SB-647-1 10/6/2009	SB-647 F-SB-647-3 10/6/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-646	SB-646	SB-647	SB-647
SAMPLE ID	F-SB-646-5	F-SB-646-7	F-SB-647-1	F-SB-647-3
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/6/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	284.2195 [MDL=11]	2.3 U [MDL=2.3]
BAP EQUIVALENT-POS	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	284.18 [MDL=11]	2.3 U [MDL=2.3]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.3 U [MDL=1.3]	1.2 U [MDL=1.2]	160 [MDL=6.1]	1.3 U [MDL=1.3]
BENZO(A)PYRENE	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	180 [MDL=11]	2.3 U [MDL=2.3]
BENZO(B)FLUORANTHENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	300 [MDL=7.7]	1.7 U [MDL=1.7]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	7.9 U [MDL=7.9]	1.7 U [MDL=1.7]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	180 [MDL=6.7]	1.4 U [MDL=1.4]
DIBENZO(A,H)ANTHRACENE	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	44 [MDL=8.4]	1.8 U [MDL=1.8]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	0.43 U [MDL=0.43]	0.43 U [MDL=0.43]	140 [MDL=2.1]	0.45 U [MDL=0.45]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-646 F-SB-646-5 10/6/2009	SB-646 F-SB-646-7 10/6/2009	SB-647 F-SB-647-1 10/6/2009	SB-647 F-SB-647-3 10/6/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=2.2]	0 U [MDL=2.2]	1004 [MDL=11]	0 U [MDL=2.3]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-647	SB-647	SB-647A	SB-647A
SAMPLE ID	F-SB-647-5	F-SB-647-7	F-SB-647A-1	F-SB-647A-3
SAMPLE DATE	10/6/2009	10/6/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-647 F-SB-647-5 10/6/2009	SB-647 F-SB-647-7 10/6/2009	SB-647A F-SB-647A-1 11/5/2009	SB-647A F-SB-647A-3 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-647 F-SB-647-5 10/6/2009	SB-647 F-SB-647-7 10/6/2009	SB-647A F-SB-647A-1 11/5/2009	SB-647A F-SB-647A-3 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-647 F-SB-647-5 10/6/2009	SB-647 F-SB-647-7 10/6/2009	SB-647A F-SB-647A-1 11/5/2009	SB-647A F-SB-647A-3 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-647 F-SB-647-5 10/6/2009	SB-647 F-SB-647-7 10/6/2009	SB-647A F-SB-647A-1 11/5/2009	SB-647A F-SB-647A-3 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.4 U [MDL=2.4]	2.1 U [MDL=2.1]	3838.4 [MDL=4]	1.6 U [MDL=1.6]
BAP EQUIVALENT-POS	2.4 U [MDL=2.4]	2.1 U [MDL=2.1]	3838.4 [MDL=4]	1.6 U [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.3 U [MDL=1.3]	1.2 U [MDL=1.2]	2500 [MDL=2.9]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	2.4 U [MDL=2.4]	2.1 U [MDL=2.1]	2600 [MDL=4]	1.6 U [MDL=1.6]
BENZO(B)FLUORANTHENE	1.7 U [MDL=1.7]	1.5 U [MDL=1.5]	3100 [MDL=3.7]	1.5 U [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.8 U [MDL=1.8]	1.6 U [MDL=1.6]	1600 [MDL=5.2]	2.1 U [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.5 U [MDL=1.5]	1.3 U [MDL=1.3]	2400 [MDL=2.8]	1.1 U [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.9 U [MDL=1.9]	1.7 U [MDL=1.7]	500 [MDL=4]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	0.46 U [MDL=0.46]	0.42 U [MDL=0.42]	1600 [MDL=4.6]	1.9 U [MDL=1.9]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-647 F-SB-647-5 10/6/2009	SB-647 F-SB-647-7 10/6/2009	SB-647A F-SB-647A-1 11/5/2009	SB-647A F-SB-647A-3 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=2.4]	0 U [MDL=2.1]	14300 [MDL=4]	0 U [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-647B	SB-647B	SB-647C	SB-647C
SAMPLE ID	F-SB-647B-1	F-SB-647B-3	F-SB-647C-1	F-SB-647C-3
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-647B F-SB-647B-1 11/5/2009	SB-647B F-SB-647B-3 11/5/2009	SB-647C F-SB-647C-1 11/5/2009	SB-647C F-SB-647C-3 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-647B F-SB-647B-1 11/5/2009	SB-647B F-SB-647B-3 11/5/2009	SB-647C F-SB-647C-1 11/5/2009	SB-647C F-SB-647C-3 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-647B F-SB-647B-1 11/5/2009	SB-647B F-SB-647B-3 11/5/2009	SB-647C F-SB-647C-1 11/5/2009	SB-647C F-SB-647C-3 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-647B F-SB-647B-1 11/5/2009	SB-647B F-SB-647B-3 11/5/2009	SB-647C F-SB-647C-1 11/5/2009	SB-647C F-SB-647C-3 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	283.14 [MDL=1.6]	1.6 U [MDL=1.6]	5140.3 [MDL=8.1]	58.981 [MDL=1.6]
BAP EQUIVALENT-POS	283.14 [MDL=1.6]	1.6 U [MDL=1.6]	5140.3 [MDL=8.1]	58.981 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	170 [MDL=1.1]	1.2 U [MDL=1.2]	3400 [MDL=5.9]	26 [MDL=1.1]
BENZO(A)PYRENE	180 [MDL=1.6]	1.6 U [MDL=1.6]	3500 [MDL=8.1]	30 [MDL=1.6]
BENZO(B)FLUORANTHENE	240 [MDL=1.4]	1.5 U [MDL=1.5]	4500 [MDL=7.5]	54 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	97 [MDL=2]	2.1 U [MDL=2.1]	1700 [MDL=11]	15 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	170 [MDL=1.1]	1.1 U [MDL=1.1]	3300 [MDL=5.6]	31 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	49 [MDL=1.6]	1.6 U [MDL=1.6]	620 [MDL=8.1]	19 [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	120 [MDL=1.8]	1.8 U [MDL=1.8]	2100 [MDL=9.4]	18 [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-647B F-SB-647B-1 11/5/2009	SB-647B F-SB-647B-3 11/5/2009	SB-647C F-SB-647C-1 11/5/2009	SB-647C F-SB-647C-3 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	1026 [MDL=1.6]	0 U [MDL=1.6]	19120 [MDL=8.1]	193 [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-648	SB-648	SB-648	SB-648
SAMPLE ID	F-SB-648-1	F-SB-648-3	F-SB-648-5	F-SB-648-7
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/6/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-648 F-SB-648-1 10/6/2009	SB-648 F-SB-648-3 10/6/2009	SB-648 F-SB-648-5 10/6/2009	SB-648 F-SB-648-7 10/6/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-648 F-SB-648-1 10/6/2009	SB-648 F-SB-648-3 10/6/2009	SB-648 F-SB-648-5 10/6/2009	SB-648 F-SB-648-7 10/6/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-648 F-SB-648-1 10/6/2009	SB-648 F-SB-648-3 10/6/2009	SB-648 F-SB-648-5 10/6/2009	SB-648 F-SB-648-7 10/6/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-648	SB-648	SB-648	SB-648
SAMPLE ID	F-SB-648-1	F-SB-648-3	F-SB-648-5	F-SB-648-7
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/6/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.2 U [MDL=2.2]	2.1 U [MDL=2.1]	2.2 U [MDL=2.2]	2.3 U [MDL=2.3]
BAP EQUIVALENT-POS	2.2 U [MDL=2.2]	2.1 U [MDL=2.1]	2.2 U [MDL=2.2]	2.3 U [MDL=2.3]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.3 U [MDL=1.3]
BENZO(A)PYRENE	2.2 U [MDL=2.2]	2.1 U [MDL=2.1]	2.2 U [MDL=2.2]	2.3 U [MDL=2.3]
BENZO(B)FLUORANTHENE	1.6 U [MDL=1.6]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.4 U [MDL=1.4]	1.3 U [MDL=1.3]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]
DIBENZO(A,H)ANTHRACENE	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	0.43 U [MDL=0.43]	0.41 U [MDL=0.41]	0.43 U [MDL=0.43]	0.46 U [MDL=0.46]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-648	SB-648	SB-648	SB-648
SAMPLE ID	F-SB-648-1	F-SB-648-3	F-SB-648-5	F-SB-648-7
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/6/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=2.2]	0 U [MDL=2.1]	0 U [MDL=2.2]	0 U [MDL=2.3]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-649	SB-649	SB-649	SB-650
SAMPLE ID	F-SB-649-1	F-SB-649-3	F-SB-649-5	F-SB-650-1
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/6/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-649 F-SB-649-1 10/6/2009	SB-649 F-SB-649-3 10/6/2009	SB-649 F-SB-649-5 10/6/2009	SB-650 F-SB-650-1 10/6/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-649 F-SB-649-1 10/6/2009	SB-649 F-SB-649-3 10/6/2009	SB-649 F-SB-649-5 10/6/2009	SB-650 F-SB-650-1 10/6/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-649 F-SB-649-1 10/6/2009	SB-649 F-SB-649-3 10/6/2009	SB-649 F-SB-649-5 10/6/2009	SB-650 F-SB-650-1 10/6/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-649 F-SB-649-1 10/6/2009	SB-649 F-SB-649-3 10/6/2009	SB-649 F-SB-649-5 10/6/2009	SB-650 F-SB-650-1 10/6/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	4.1202 [MDL=2.2]
BAP EQUIVALENT-POS	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	3.1 [MDL=2.2]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.3 U [MDL=1.3]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]
BENZO(A)PYRENE	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	2.2 U [MDL=2.2]	3.1 J [MDL=2.2]
BENZO(B)FLUORANTHENE	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.7 U [MDL=1.7]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.4 U [MDL=1.4]	1.3 U [MDL=1.3]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]
DIBENZO(A,H)ANTHRACENE	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	0.44 U [MDL=0.44]	0.42 U [MDL=0.42]	0.43 U [MDL=0.43]	0.43 U [MDL=0.43]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-649	SB-649	SB-649	SB-650
SAMPLE ID	F-SB-649-1	F-SB-649-3	F-SB-649-5	F-SB-650-1
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/6/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=2.2]	0 U [MDL=2.2]	0 U [MDL=2.2]	3.1 [MDL=2.2]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-650	SB-650	SB-650	SB-651
SAMPLE ID	F-SB-650-3	F-SB-650-3-D	F-SB-650-5	F-SB-651-1
SAMPLE DATE	10/6/2009	10/6/2009	10/6/2009	10/7/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-650 F-SB-650-3 10/6/2009	SB-650 F-SB-650-3-D 10/6/2009	SB-650 F-SB-650-5 10/6/2009	SB-651 F-SB-651-1 10/7/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-650 F-SB-650-3 10/6/2009	SB-650 F-SB-650-3-D 10/6/2009	SB-650 F-SB-650-5 10/6/2009	SB-651 F-SB-651-1 10/7/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-650 F-SB-650-3 10/6/2009	SB-650 F-SB-650-3-D 10/6/2009	SB-650 F-SB-650-5 10/6/2009	SB-651 F-SB-651-1 10/7/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-650 F-SB-650-3 10/6/2009	SB-650 F-SB-650-3-D 10/6/2009	SB-650 F-SB-650-5 10/6/2009	SB-651 F-SB-651-1 10/7/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	13.7284 [MDL=1.5]
BAP EQUIVALENT-POS	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	12.9689 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	8.8 [MDL=1.1]
BENZO(A)PYRENE	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	2.1 U [MDL=2.1]	9.9 [MDL=1.5]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	13 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	1.6 U [MDL=1.6]	1.9 U [MDL=1.9]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.3 U [MDL=1.3]	1.3 U [MDL=1.3]	1.3 U [MDL=1.3]	8.9 [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.7 U [MDL=1.7]	1.7 U [MDL=1.7]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	0.41 U [MDL=0.41]	0.41 U [MDL=0.41]	0.42 U [MDL=0.42]	8.8 [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-650 F-SB-650-3 10/6/2009	SB-650 F-SB-650-3-D 10/6/2009	SB-650 F-SB-650-5 10/6/2009	SB-651 F-SB-651-1 10/7/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=2.1]	0 U [MDL=2.1]	0 U [MDL=2.1]	49.4 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	24 U [MDL=24]
AROCLOR-1221	--	--	--	18 U [MDL=18]
AROCLOR-1232	--	--	--	16 U [MDL=16]
AROCLOR-1242	--	--	--	15 U [MDL=15]
AROCLOR-1248	--	--	--	19 U [MDL=19]
AROCLOR-1254	--	--	--	19 U [MDL=19]
AROCLOR-1260	--	--	--	19 U [MDL=19]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	0 U [MDL=24]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-651	SB-651	SB-652	SB-652
SAMPLE ID	F-SB-651-3	F-SB-651-5	F-SB-652-1	F-SB-652-3
SAMPLE DATE	10/7/2009	10/7/2009	10/7/2009	10/7/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-651 F-SB-651-3 10/7/2009	SB-651 F-SB-651-5 10/7/2009	SB-652 F-SB-652-1 10/7/2009	SB-652 F-SB-652-3 10/7/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-651 F-SB-651-3 10/7/2009	SB-651 F-SB-651-5 10/7/2009	SB-652 F-SB-652-1 10/7/2009	SB-652 F-SB-652-3 10/7/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-651 F-SB-651-3 10/7/2009	SB-651 F-SB-651-5 10/7/2009	SB-652 F-SB-652-1 10/7/2009	SB-652 F-SB-652-3 10/7/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-651 F-SB-651-3 10/7/2009	SB-651 F-SB-651-5 10/7/2009	SB-652 F-SB-652-1 10/7/2009	SB-652 F-SB-652-3 10/7/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	342.45 [MDL=1.5]	33.415 [MDL=1.6]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	342.45 [MDL=1.5]	32.615 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	260 [MDL=1.1]	23 [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	230 [MDL=1.5]	25 [MDL=1.6]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	330 [MDL=1.4]	35 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	120 [MDL=2]	9.0 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.0 U [MDL=1]	250 [MDL=1]	25 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	38 [MDL=1.5]	1.6 U [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]	140 [MDL=1.7]	17 [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-651	SB-651	SB-652	SB-652
SAMPLE ID	F-SB-651-3	F-SB-651-5	F-SB-652-1	F-SB-652-3
SAMPLE DATE	10/7/2009	10/7/2009	10/7/2009	10/7/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	1368 [MDL=1.5]	134 [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	25 U [MDL=25]	24 U [MDL=24]	24 U [MDL=24]	25 U [MDL=25]
AROCLOR-1221	19 U [MDL=19]	19 U [MDL=19]	18 U [MDL=18]	19 U [MDL=19]
AROCLOR-1232	16 U [MDL=16]	16 U [MDL=16]	16 U [MDL=16]	17 U [MDL=17]
AROCLOR-1242	15 U [MDL=15]	15 U [MDL=15]	15 U [MDL=15]	16 U [MDL=16]
AROCLOR-1248	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1254	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
AROCLOR-1260	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]	20 U [MDL=20]
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	0 U [MDL=24]	0 U [MDL=24]	0 U [MDL=25]
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-652	SB-652	SB-652	SB-652A
SAMPLE ID	F-SB-652-5	F-SB-652-7	F-SB-652-9	F-SB-652A-1
SAMPLE DATE	10/7/2009	10/19/2009	10/19/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652 F-SB-652-5 10/7/2009	SB-652 F-SB-652-7 10/19/2009	SB-652 F-SB-652-9 10/19/2009	SB-652A F-SB-652A-1 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652 F-SB-652-5 10/7/2009	SB-652 F-SB-652-7 10/19/2009	SB-652 F-SB-652-9 10/19/2009	SB-652A F-SB-652A-1 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652 F-SB-652-5 10/7/2009	SB-652 F-SB-652-7 10/19/2009	SB-652 F-SB-652-9 10/19/2009	SB-652A F-SB-652A-1 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652 F-SB-652-5 10/7/2009	SB-652 F-SB-652-7 10/19/2009	SB-652 F-SB-652-9 10/19/2009	SB-652A F-SB-652A-1 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	390.77 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	228.02 [MDL=1.6]
BAP EQUIVALENT-POS	390.77 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	228.02 [MDL=1.6]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	300 [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	150 [MDL=1.2]
BENZO(A)PYRENE	260 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	150 [MDL=1.6]
BENZO(B)FLUORANTHENE	330 [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	200 [MDL=1.5]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	150 [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]	96 [MDL=2.1]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	270 [MDL=1.1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]	160 [MDL=1.1]
DIBENZO(A,H)ANTHRACENE	51 [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	33 [MDL=1.6]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	150 [MDL=1.8]	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	89 [MDL=1.8]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652 F-SB-652-5 10/7/2009	SB-652 F-SB-652-7 10/19/2009	SB-652 F-SB-652-9 10/19/2009	SB-652A F-SB-652A-1 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	1511 [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]	878 [MDL=1.6]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	25 U [MDL=25]	--	--	--
AROCLOR-1221	19 U [MDL=19]	--	--	--
AROCLOR-1232	17 U [MDL=17]	--	--	--
AROCLOR-1242	15 U [MDL=15]	--	--	--
AROCLOR-1248	20 U [MDL=20]	--	--	--
AROCLOR-1254	20 U [MDL=20]	--	--	--
AROCLOR-1260	20 U [MDL=20]	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	0 U [MDL=25]	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-652A	SB-652A	SB-652A	SB-652B
SAMPLE ID	F-SB-652A-3	F-SB-652A-5	F-SB-652A-7	F-SB-652B-1
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652A F-SB-652A-3 11/5/2009	SB-652A F-SB-652A-5 11/5/2009	SB-652A F-SB-652A-7 11/5/2009	SB-652B F-SB-652B-1 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652A F-SB-652A-3 11/5/2009	SB-652A F-SB-652A-5 11/5/2009	SB-652A F-SB-652A-7 11/5/2009	SB-652B F-SB-652B-1 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652A F-SB-652A-3 11/5/2009	SB-652A F-SB-652A-5 11/5/2009	SB-652A F-SB-652A-7 11/5/2009	SB-652B F-SB-652B-1 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652A F-SB-652A-3 11/5/2009	SB-652A F-SB-652A-5 11/5/2009	SB-652A F-SB-652A-7 11/5/2009	SB-652B F-SB-652B-1 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	505.25 [MDL=1.5]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	505.25 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	350 [MDL=1.1]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	340 [MDL=1.5]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	430 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]	190 [MDL=2]
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.0 U [MDL=1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	350 [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.6 U [MDL=1.6]	65 [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.7 U [MDL=1.7]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	200 [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652A F-SB-652A-3 11/5/2009	SB-652A F-SB-652A-5 11/5/2009	SB-652A F-SB-652A-7 11/5/2009	SB-652B F-SB-652B-1 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.6]	1925 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-652B	SB-652B	SB-652B	SB-652C
SAMPLE ID	F-SB-652B-3	F-SB-652B-5	F-SB-652B-7	F-SB-652C-1
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	11/5/2009

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652B F-SB-652B-3 11/5/2009	SB-652B F-SB-652B-5 11/5/2009	SB-652B F-SB-652B-7 11/5/2009	SB-652C F-SB-652C-1 11/5/2009
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652B F-SB-652B-3 11/5/2009	SB-652B F-SB-652B-5 11/5/2009	SB-652B F-SB-652B-7 11/5/2009	SB-652C F-SB-652C-1 11/5/2009
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652B F-SB-652B-3 11/5/2009	SB-652B F-SB-652B-5 11/5/2009	SB-652B F-SB-652B-7 11/5/2009	SB-652C F-SB-652C-1 11/5/2009
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652B F-SB-652B-3 11/5/2009	SB-652B F-SB-652B-5 11/5/2009	SB-652B F-SB-652B-7 11/5/2009	SB-652C F-SB-652C-1 11/5/2009
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	18.534 [MDL=1.5]
BAP EQUIVALENT-POS	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	17.699 [MDL=1.5]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.0 U [MDL=1]	1.1 U [MDL=1.1]	16 [MDL=1.1]
BENZO(A)PYRENE	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	13 [MDL=1.5]
BENZO(B)FLUORANTHENE	1.5 U [MDL=1.5]	1.3 U [MDL=1.3]	1.4 U [MDL=1.4]	30 [MDL=1.4]
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	2.1 U [MDL=2.1]	1.9 U [MDL=1.9]	2.0 U [MDL=2]	8.4 [MDL=2]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	0.98 U [MDL=0.98]	1.1 U [MDL=1.1]	15 [MDL=1]
DIBENZO(A,H)ANTHRACENE	1.6 U [MDL=1.6]	1.4 U [MDL=1.4]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.6 U [MDL=1.6]	1.8 U [MDL=1.8]	1.7 U [MDL=1.7]
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652B F-SB-652B-3 11/5/2009	SB-652B F-SB-652B-5 11/5/2009	SB-652B F-SB-652B-7 11/5/2009	SB-652C F-SB-652C-1 11/5/2009
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	0 U [MDL=1.6]	0 U [MDL=1.4]	0 U [MDL=1.5]	82.4 [MDL=1.5]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-652C	SB-652C	SB-652C	SB-797
SAMPLE ID	F-SB-652C-3	F-SB-652C-5	F-SB-652C-7	F-SB-797-03
SAMPLE DATE	11/5/2009	11/5/2009	11/5/2009	8/20/2010

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652C F-SB-652C-3 11/5/2009	SB-652C F-SB-652C-5 11/5/2009	SB-652C F-SB-652C-7 11/5/2009	SB-797 F-SB-797-03 8/20/2010
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652C F-SB-652C-3 11/5/2009	SB-652C F-SB-652C-5 11/5/2009	SB-652C F-SB-652C-7 11/5/2009	SB-797 F-SB-797-03 8/20/2010
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652C F-SB-652C-3 11/5/2009	SB-652C F-SB-652C-5 11/5/2009	SB-652C F-SB-652C-7 11/5/2009	SB-797 F-SB-797-03 8/20/2010
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652C F-SB-652C-3 11/5/2009	SB-652C F-SB-652C-5 11/5/2009	SB-652C F-SB-652C-7 11/5/2009	SB-797 F-SB-797-03 8/20/2010
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	3.7 U [MDL=3.7]
2-METHYLNAPHTHALENE	--	--	--	3.7 U [MDL=3.7]
ACENAPHTHENE	--	--	--	3.7 U [MDL=3.7]
ACENAPHTHYLENE	--	--	--	3.7 U [MDL=3.7]
ANTHRACENE	--	--	--	3.7 U [MDL=3.7]
BAP EQUIVALENT-HALFND	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	3.7 U [MDL=NaN]
BAP EQUIVALENT-POS	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	3.7 U [MDL=NaN]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	3.7 U [MDL=3.7]
BENZO(A)PYRENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	3.7 U [MDL=3.7]
BENZO(B)FLUORANTHENE	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	1.4 U [MDL=1.4]	3.7 U [MDL=3.7]
BENZO(G,H,I)PERYLENE	--	--	--	3.7 U [MDL=3.7]
BENZO(K)FLUORANTHENE	2.0 U [MDL=2]	2.0 U [MDL=2]	2.0 U [MDL=2]	3.7 U [MDL=3.7]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENES/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENES/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENES/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENES/ANTHRACENES	--	--	--	--
CHRYSENE	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.1 U [MDL=1.1]	1.2 U [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	1.5 U [MDL=1.5]	3.7 U [MDL=3.7]
FLUORANTHENE	--	--	--	11 [MDL=3.7]
FLUORENE	--	--	--	3.7 U [MDL=3.7]
INDENO(1,2,3-CD)PYRENE	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	1.8 U [MDL=1.8]	3.7 U [MDL=3.7]
NAPHTHALENE	--	--	--	3.7 U [MDL=3.7]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-652C F-SB-652C-3 11/5/2009	SB-652C F-SB-652C-5 11/5/2009	SB-652C F-SB-652C-7 11/5/2009	SB-797 F-SB-797-03 8/20/2010
PHENANTHRENE	--	--	--	3.7 U [MDL=3.7]
PYRENE	--	--	--	9.1 [MDL=3.7]
TOTAL PAHS	0 U [MDL=1.5]	0 U [MDL=1.5]	0 U [MDL=1.5]	20.1 [MDL=NaN]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-797	SB-797	SB-798	SB-798
SAMPLE ID	F-SB-797-05	F-SB-797-SS	F-SB-798-03	F-SB-798-03-D
SAMPLE DATE	8/20/2010	8/20/2010	8/20/2010	8/20/2010

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-797 F-SB-797-05 8/20/2010	SB-797 F-SB-797-SS 8/20/2010	SB-798 F-SB-798-03 8/20/2010	SB-798 F-SB-798-03-D 8/20/2010
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-797 F-SB-797-05 8/20/2010	SB-797 F-SB-797-SS 8/20/2010	SB-798 F-SB-798-03 8/20/2010	SB-798 F-SB-798-03-D 8/20/2010
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-797 F-SB-797-05 8/20/2010	SB-797 F-SB-797-SS 8/20/2010	SB-798 F-SB-798-03 8/20/2010	SB-798 F-SB-798-03-D 8/20/2010
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-797 F-SB-797-05 8/20/2010	SB-797 F-SB-797-SS 8/20/2010	SB-798 F-SB-798-03 8/20/2010	SB-798 F-SB-798-03-D 8/20/2010
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	4 U [MDL=4]	55 [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]
2-METHYLNAPHTHALENE	4 U [MDL=4]	46 [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]
ACENAPHTHENE	15 [MDL=4]	340 [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]
ACENAPHTHYLENE	4 U [MDL=4]	15 U [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]
ANTHRACENE	47 [MDL=4]	680 [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]
BAP EQUIVALENT-HALFND	258.37 [MDL=NaN]	3496.4 [MDL=NaN]	20.624 [MDL=NaN]	3.5 U [MDL=NaN]
BAP EQUIVALENT-POS	258.37 [MDL=NaN]	3496.4 [MDL=NaN]	18.724 [MDL=NaN]	3.5 U [MDL=NaN]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	170 [MDL=4]	2300 [MDL=15]	12 [MDL=3.8]	3.5 U [MDL=3.5]
BENZO(A)PYRENE	180 [MDL=4]	2400 [MDL=15]	15 [MDL=3.8]	3.5 U [MDL=3.5]
BENZO(B)FLUORANTHENE	200 [MDL=4]	2800 [MDL=15]	16 [MDL=3.8]	3.5 U [MDL=3.5]
BENZO(G,H,I)PERYLENE	120 [MDL=4]	1700 [MDL=15]	11 [MDL=3.8]	3.5 U [MDL=3.5]
BENZO(K)FLUORANTHENE	120 [MDL=4]	1400 [MDL=15]	10 [MDL=3.8]	3.5 U [MDL=3.5]
C1-CHRYSENE/BENZO(A)ANTHRACENES	81 U [MDL=81]	3700 J [MDL=390]	--	--
C1-FLUORANTHENES/PYRENES	81 U [MDL=81]	5800 J [MDL=390]	--	--
C1-FLUORENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C1-PHENANTHRENES/ANTHRACENES	81 U [MDL=81]	1600 J [MDL=390]	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	81 U [MDL=81]	1300 J [MDL=390]	--	--
C2-FLUORENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C2-NAPHTHALENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C2-PHENANTHRENES/ANTHRACENES	81 U [MDL=81]	950 J [MDL=390]	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	81 U [MDL=81]	470 J [MDL=390]	--	--
C3-FLUORENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C3-NAPHTHALENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C3-PHENANTHRENES/ANTHRACENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C4-NAPHTHALENES	81 U [MDL=81]	390 U [MDL=390]	--	--
C4-PHENANTHRENES/ANTHRACENES	81 U [MDL=81]	390 U [MDL=390]	--	--
CHRYSENE	170 [MDL=1.3]	2400 [MDL=5.1]	14 [MDL=1.3]	1.2 U [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	30 [MDL=4]	430 [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]
FLUORANTHENE	400 [MDL=4]	4900 [MDL=15]	19 [MDL=3.8]	3.5 U [MDL=3.5]
FLUORENE	26 [MDL=4]	370 [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]
INDENO(1,2,3-CD)PYRENE	100 [MDL=4]	1400 [MDL=15]	8.1 [MDL=3.8]	3.5 U [MDL=3.5]
NAPHTHALENE	4 U [MDL=4]	140 [MDL=15]	3.8 U [MDL=3.8]	3.5 U [MDL=3.5]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-797 F-SB-797-05 8/20/2010	SB-797 F-SB-797-SS 8/20/2010	SB-798 F-SB-798-03 8/20/2010	SB-798 F-SB-798-03-D 8/20/2010
PHENANTHRENE	210 [MDL=4]	2600 [MDL=15]	9.4 [MDL=3.8]	3.5 U [MDL=3.5]
PYRENE	310 [MDL=4]	4200 [MDL=15]	19 [MDL=3.8]	3.5 U [MDL=3.5]
TOTAL PAHS	2098 [MDL=NaN]	28106 [MDL=NaN]	133.5 [MDL=NaN]	0 U [MDL=NaN]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-798 F-SB-798-05 8/20/2010	SB-798 F-SB-798-SS 8/20/2010	SB-799 F-SB-799-03 8/20/2010	SB-799 F-SB-799-05 8/20/2010
METALS (MG/KG)				
ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	--	--	--
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--
MISCELLANEOUS PARAMETERS				
PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--
SEMIVOLATILES (UG/KG)				
1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-798 F-SB-798-05 8/20/2010	SB-798 F-SB-798-SS 8/20/2010	SB-799 F-SB-799-03 8/20/2010	SB-799 F-SB-799-05 8/20/2010
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-798 F-SB-798-05 8/20/2010	SB-798 F-SB-798-SS 8/20/2010	SB-799 F-SB-799-03 8/20/2010	SB-799 F-SB-799-05 8/20/2010
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-798 F-SB-798-05 8/20/2010	SB-798 F-SB-798-SS 8/20/2010	SB-799 F-SB-799-03 8/20/2010	SB-799 F-SB-799-05 8/20/2010
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-798 F-SB-798-05 8/20/2010	SB-798 F-SB-798-SS 8/20/2010	SB-799 F-SB-799-03 8/20/2010	SB-799 F-SB-799-05 8/20/2010
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
2-METHYLNAPHTHALENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
ACENAPHTHENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
ACENAPHTHYLENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
ANTHRACENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
BAP EQUIVALENT-HALFND	3.6 U [MDL=NaN]	3.7 U [MDL=NaN]	3.6 U [MDL=NaN]	3.7 U [MDL=NaN]
BAP EQUIVALENT-POS	3.6 U [MDL=NaN]	3.7 U [MDL=NaN]	3.6 U [MDL=NaN]	3.7 U [MDL=NaN]
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
BENZO(A)PYRENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
BENZO(B)FLUORANTHENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
BENZO(G,H,I)PERYLENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
BENZO(K)FLUORANTHENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]	1.2 U [MDL=1.2]
DIBENZO(A,H)ANTHRACENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
FLUORANTHENE	3.6 U [MDL=3.6]	11 [MDL=3.7]	3.6 U [MDL=3.6]	9.8 [MDL=3.7]
FLUORENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
INDENO(1,2,3-CD)PYRENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
NAPHTHALENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-798 F-SB-798-05 8/20/2010	SB-798 F-SB-798-SS 8/20/2010	SB-799 F-SB-799-03 8/20/2010	SB-799 F-SB-799-05 8/20/2010
PHENANTHRENE	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
PYRENE	3.6 U [MDL=3.6]	9.1 [MDL=3.7]	3.6 U [MDL=3.6]	3.7 U [MDL=3.7]
TOTAL PAHS	0 U [MDL=NaN]	20.1 [MDL=NaN]	0 U [MDL=NaN]	9.8 [MDL=NaN]

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

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SOIL

LOCATION	SB-799	SB-800	SB-800	SB-800
SAMPLE ID	F-SB-799-SS	F-SB-800-03	F-SB-800-05	F-SB-800-05-D
SAMPLE DATE	8/20/2010	9/10/2010	9/10/2010	9/10/2010

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	--	1.8 L [MDL=0.019]	0.017 UR [MDL=0.017]	0.018 UR [MDL=0.018]
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

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SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-799 F-SB-799-SS 8/20/2010	SB-800 F-SB-800-03 9/10/2010	SB-800 F-SB-800-05 9/10/2010	SB-800 F-SB-800-05-D 9/10/2010
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-799 F-SB-799-SS 8/20/2010	SB-800 F-SB-800-03 9/10/2010	SB-800 F-SB-800-05 9/10/2010	SB-800 F-SB-800-05-D 9/10/2010
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-799 F-SB-799-SS 8/20/2010	SB-800 F-SB-800-03 9/10/2010	SB-800 F-SB-800-05 9/10/2010	SB-800 F-SB-800-05-D 9/10/2010
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

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LOCATION SAMPLE ID SAMPLE DATE	SB-799 F-SB-799-SS 8/20/2010	SB-800 F-SB-800-03 9/10/2010	SB-800 F-SB-800-05 9/10/2010	SB-800 F-SB-800-05-D 9/10/2010
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	3.9 U [MDL=3.9]	--	--	--
2-METHYLNAPHTHALENE	3.9 U [MDL=3.9]	--	--	--
ACENAPHTHENE	3.9 U [MDL=3.9]	--	--	--
ACENAPHTHYLENE	3.9 U [MDL=3.9]	--	--	--
ANTHRACENE	3.9 U [MDL=3.9]	--	--	--
BAP EQUIVALENT-HALFND	13.0855 [MDL=NaN]	--	--	--
BAP EQUIVALENT-POS	10.921 [MDL=NaN]	--	--	--
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	8.1 [MDL=3.9]	--	--	--
BENZO(A)PYRENE	9 [MDL=3.9]	--	--	--
BENZO(B)FLUORANTHENE	11 [MDL=3.9]	--	--	--
BENZO(G,H,I)PERYLENE	3.9 U [MDL=3.9]	--	--	--
BENZO(K)FLUORANTHENE	3.9 U [MDL=3.9]	--	--	--
C1-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENE/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	11 [MDL=1.3]	--	--	--
DIBENZO(A,H)ANTHRACENE	3.9 U [MDL=3.9]	--	--	--
FLUORANTHENE	17 [MDL=3.9]	--	--	--
FLUORENE	3.9 U [MDL=3.9]	--	--	--
INDENO(1,2,3-CD)PYRENE	3.9 U [MDL=3.9]	--	--	--
NAPHTHALENE	3.9 U [MDL=3.9]	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-799 F-SB-799-SS 8/20/2010	SB-800 F-SB-800-03 9/10/2010	SB-800 F-SB-800-05 9/10/2010	SB-800 F-SB-800-05-D 9/10/2010
PHENANTHRENE	8 [MDL=3.9]	--	--	--
PYRENE	17 [MDL=3.9]	--	--	--
TOTAL PAHS	81.1 [MDL=NaN]	--	--	--

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-800	SB-801	SB-801	SB-801
SAMPLE ID	F-SB-800-SS	F-SB-801-03	F-SB-801-05	F-SB-801-SS
SAMPLE DATE	9/10/2010	9/10/2010	9/10/2010	9/10/2010

METALS (MG/KG)

ANTIMONY	--	--	--	--
ARSENIC	--	--	--	--
BARIUM	--	--	--	--
BERYLLIUM	--	--	--	--
CADMIUM	--	--	--	--
CHROMIUM	--	--	--	--
COBALT	--	--	--	--
COPPER	--	--	--	--
LEAD	--	--	--	--
MERCURY	1 L [MDL=0.018]	0.68 L [MDL=0.018]	0.018 UR [MDL=0.018]	0.18 L [MDL=0.016]
MOLYBDENUM	--	--	--	--
NICKEL	--	--	--	--
SELENIUM	--	--	--	--
SILVER	--	--	--	--
THALLIUM	--	--	--	--
VANADIUM	--	--	--	--
ZINC	--	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--	--
TOTAL SOLIDS (%)	--	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--	--
PH (S.U.)	--	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-800 F-SB-800-SS 9/10/2010	SB-801 F-SB-801-03 9/10/2010	SB-801 F-SB-801-05 9/10/2010	SB-801 F-SB-801-SS 9/10/2010
2-CHLORONAPHTHALENE	--	--	--	--
2-CHLOROPHENOL	--	--	--	--
2-METHYLPHENOL	--	--	--	--
2-NITROANILINE	--	--	--	--
2-NITROPHENOL	--	--	--	--
3&4-METHYLPHENOL	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--
3-NITROANILINE	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--
4-CHLOROANILINE	--	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--	--
4-NITROANILINE	--	--	--	--
4-NITROPHENOL	--	--	--	--
ACETOPHENONE	--	--	--	--
ANILINE	--	--	--	--
ATRAZINE	--	--	--	--
AZOBENZENE	--	--	--	--
BENZIDINE	--	--	--	--
BENZOIC ACID	--	--	--	--
BENZYL ALCOHOL	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--	--
CAPROLACTAM	--	--	--	--
CARBAZOLE	--	--	--	--
DIBENZOFURAN	--	--	--	--
DIETHYL PHTHALATE	--	--	--	--
DIMETHYL PHTHALATE	--	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--
HEXACHLOROETHANE	--	--	--	--
ISOPHORONE	--	--	--	--
NITROBENZENE	--	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-800 F-SB-800-SS 9/10/2010	SB-801 F-SB-801-03 9/10/2010	SB-801 F-SB-801-05 9/10/2010	SB-801 F-SB-801-SS 9/10/2010
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--
PHENOL	--	--	--	--
PYRIDINE	--	--	--	--
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	--	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--
1,1-DICHLOROPROPENE	--	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--	--
1,2-DIBROMOETHANE	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--
1,3-DICHLOROPROPANE	--	--	--	--
1,3-DICHLOROPROPENE	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--
1,4-DIOXANE	--	--	--	--
2,2-DICHLOROPROPANE	--	--	--	--
2-BUTANONE	--	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--	--
2-CHLOROTOLUENE	--	--	--	--
2-HEXANONE	--	--	--	--
4-CHLOROTOLUENE	--	--	--	--
4-ISOPROPYLTOLUENE	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--
ACETONE	--	--	--	--
BENZENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-800 F-SB-800-SS 9/10/2010	SB-801 F-SB-801-03 9/10/2010	SB-801 F-SB-801-05 9/10/2010	SB-801 F-SB-801-SS 9/10/2010
BROMOBENZENE	--	--	--	--
BROMOCHLOROMETHANE	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--
BROMOFORM	--	--	--	--
BROMOMETHANE	--	--	--	--
CARBON DISULFIDE	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--
CHLOROBENZENE	--	--	--	--
CHLORODIBROMOMETHANE	--	--	--	--
CHLOROETHANE	--	--	--	--
CHLOROFORM	--	--	--	--
CHLOROMETHANE	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--
DIBROMOMETHANE	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--
DIISOPROPYL ETHER	--	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--	--
ETHYLBENZENE	--	--	--	--
FLUORODICHLOROMETHANE	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--
M+P-XYLENES	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--
NAPHTHALENE	--	--	--	--
N-BUTYLBENZENE	--	--	--	--
N-PROPYLBENZENE	--	--	--	--
O-XYLENE	--	--	--	--
SEC-BUTYLBENZENE	--	--	--	--
STYRENE	--	--	--	--
TERT-AMYL METHYL ETHER	--	--	--	--
TERT-BUTYLBENZENE	--	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--	--
TETRACHLOROETHENE	--	--	--	--
TOLUENE	--	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--	--
TOTAL XYLENES	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--

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LOCATION SAMPLE ID SAMPLE DATE	SB-800 F-SB-800-SS 9/10/2010	SB-801 F-SB-801-03 9/10/2010	SB-801 F-SB-801-05 9/10/2010	SB-801 F-SB-801-SS 9/10/2010
TRICHLOROETHENE	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--
VINYL ACETATE	--	--	--	--
VINYL CHLORIDE	--	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--
ACENAPHTHENE	--	--	--	--
ACENAPHTHYLENE	--	--	--	--
ANTHRACENE	--	--	--	--
BAP EQUIVALENT-HALFND	--	--	--	--
BAP EQUIVALENT-POS	--	--	--	--
BAP EQUIVALENT-UCL	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--
BENZO(A)PYRENE	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--
BENZO(K)FLUORANTHENE	--	--	--	--
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--	--
C1-FLUORENES	--	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C2-FLUORENES	--	--	--	--
C2-NAPHTHALENES	--	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C3-FLUORENES	--	--	--	--
C3-NAPHTHALENES	--	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--	--
C4-NAPHTHALENES	--	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--	--
CHRYSENE	--	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--	--
FLUORANTHENE	--	--	--	--
FLUORENE	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--
NAPHTHALENE	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-800 F-SB-800-SS 9/10/2010	SB-801 F-SB-801-03 9/10/2010	SB-801 F-SB-801-05 9/10/2010	SB-801 F-SB-801-SS 9/10/2010
PHENANTHRENE	--	--	--	--
PYRENE	--	--	--	--
TOTAL PAHS	--	--	--	--

PESTICIDES/PCBS (UG/KG)

4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
ALDRIN	--	--	--	--
ALPHA-BHC	--	--	--	--
ALPHA-CHLORDANE	--	--	--	--
AROCLOR-1016	--	--	--	--
AROCLOR-1221	--	--	--	--
AROCLOR-1232	--	--	--	--
AROCLOR-1242	--	--	--	--
AROCLOR-1248	--	--	--	--
AROCLOR-1254	--	--	--	--
AROCLOR-1260	--	--	--	--
BETA-BHC	--	--	--	--
DELTA-BHC	--	--	--	--
DIELDRIN	--	--	--	--
ENDOSULFAN I	--	--	--	--
ENDOSULFAN II	--	--	--	--
ENDOSULFAN SULFATE	--	--	--	--
ENDRIN	--	--	--	--
ENDRIN ALDEHYDE	--	--	--	--
ENDRIN KETONE	--	--	--	--
GAMMA-BHC (LINDANE)	--	--	--	--
GAMMA-CHLORDANE	--	--	--	--
HEPTACHLOR	--	--	--	--
HEPTACHLOR EPOXIDE	--	--	--	--
METHOXYCHLOR	--	--	--	--
TOTAL AROCLOR	--	--	--	--
TOTAL DDT POS	--	--	--	--
TOXAPHENE	--	--	--	--

PETROLEUM HYDROCARBONS (UG/KG)

DIESEL RANGE ORGANICS	--	--	--	--
GASOLINE RANGE ORGANICS	--	--	--	--
TPH (C09-C36)	--	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION	SB-802	SB-802	SB-802
SAMPLE ID	F-SB-802-03	F-SB-802-05	F-SB-802-SS
SAMPLE DATE	9/10/2010	9/10/2010	9/10/2010

METALS (MG/KG)

ANTIMONY	--	--	--
ARSENIC	--	--	--
BARIUM	--	--	--
BERYLLIUM	--	--	--
CADMIUM	--	--	--
CHROMIUM	--	--	--
COBALT	--	--	--
COPPER	--	--	--
LEAD	--	--	--
MERCURY	0.89 L [MDL=0.018]	0.022 UR [MDL=0.022]	0.017 UR [MDL=0.017]
MOLYBDENUM	--	--	--
NICKEL	--	--	--
SELENIUM	--	--	--
SILVER	--	--	--
THALLIUM	--	--	--
VANADIUM	--	--	--
ZINC	--	--	--

MISCELLANEOUS PARAMETERS

PERCENT SOLIDS (%)	--	--	--
TOTAL SOLIDS (%)	--	--	--
HEXAVALENT CHROMIUM (MG/KG)	--	--	--
TOTAL ORGANIC CARBON (MG/KG)	--	--	--
PH (S.U.)	--	--	--
MERCURY (METHYL) (UG/KG)	--	--	--

SEMIVOLATILES (UG/KG)

1,1-BIPHENYL	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--
2,4-DICHLOROPHENOL	--	--	--
2,4-DIMETHYLPHENOL	--	--	--
2,4-DINITROPHENOL	--	--	--
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-802 F-SB-802-03 9/10/2010	SB-802 F-SB-802-05 9/10/2010	SB-802 F-SB-802-SS 9/10/2010
2-CHLORONAPHTHALENE	--	--	--
2-CHLOROPHENOL	--	--	--
2-METHYLPHENOL	--	--	--
2-NITROANILINE	--	--	--
2-NITROPHENOL	--	--	--
3&4-METHYLPHENOL	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--
3-NITROANILINE	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--
4-BROMOPHENYL PHENYL ETHER	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--
4-CHLOROANILINE	--	--	--
4-CHLOROPHENYL PHENYL ETHER	--	--	--
4-NITROANILINE	--	--	--
4-NITROPHENOL	--	--	--
ACETOPHENONE	--	--	--
ANILINE	--	--	--
ATRAZINE	--	--	--
AZOBENZENE	--	--	--
BENZIDINE	--	--	--
BENZOIC ACID	--	--	--
BENZYL ALCOHOL	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--
BUTYL BENZYL PHTHALATE	--	--	--
CAPROLACTAM	--	--	--
CARBAZOLE	--	--	--
DIBENZOFURAN	--	--	--
DIETHYL PHTHALATE	--	--	--
DIMETHYL PHTHALATE	--	--	--
DI-N-BUTYL PHTHALATE	--	--	--
DI-N-OCTYL PHTHALATE	--	--	--
HEXACHLOROBENZENE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--
HEXACHLOROETHANE	--	--	--
ISOPHORONE	--	--	--
NITROBENZENE	--	--	--
N-NITROSODIMETHYLAMINE	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-802 F-SB-802-03 9/10/2010	SB-802 F-SB-802-05 9/10/2010	SB-802 F-SB-802-SS 9/10/2010
N-NITROSO-DI-N-PROPYLAMINE	--	--	--
N-NITROSODIPHENYLAMINE	--	--	--
PENTACHLOROPHENOL	--	--	--
PHENOL	--	--	--
PYRIDINE	--	--	--

VOLATILES (UG/KG)

1,1,1,2-TETRACHLOROETHANE	--	--	--
1,1,1-TRICHLOROETHANE	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--
1,1,2-TRICHLOROTRIFLUOROETHANE	--	--	--
1,1-DICHLOROETHANE	--	--	--
1,1-DICHLOROETHENE	--	--	--
1,1-DICHLOROPROPENE	--	--	--
1,2,3-TRICHLOROBENZENE	--	--	--
1,2,3-TRICHLOROPROPANE	--	--	--
1,2,3-TRIMETHYLBENZENE	--	--	--
1,2,4-TRICHLOROBENZENE	--	--	--
1,2,4-TRIMETHYLBENZENE	--	--	--
1,2-DIBROMO-3-CHLOROPROPANE	--	--	--
1,2-DIBROMOETHANE	--	--	--
1,2-DICHLOROBENZENE	--	--	--
1,2-DICHLOROETHANE	--	--	--
1,2-DICHLOROPROPANE	--	--	--
1,3,5-TRIMETHYLBENZENE	--	--	--
1,3-DICHLOROBENZENE	--	--	--
1,3-DICHLOROPROPANE	--	--	--
1,3-DICHLOROPROPENE	--	--	--
1,4-DICHLOROBENZENE	--	--	--
1,4-DIOXANE	--	--	--
2,2-DICHLOROPROPANE	--	--	--
2-BUTANONE	--	--	--
2-CHLOROETHYL VINYL ETHER	--	--	--
2-CHLOROTOLUENE	--	--	--
2-HEXANONE	--	--	--
4-CHLOROTOLUENE	--	--	--
4-ISOPROPYLTOLUENE	--	--	--
4-METHYL-2-PENTANONE	--	--	--
ACETONE	--	--	--
BENZENE	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-802 F-SB-802-03 9/10/2010	SB-802 F-SB-802-05 9/10/2010	SB-802 F-SB-802-SS 9/10/2010
BROMOBENZENE	--	--	--
BROMOCHLOROMETHANE	--	--	--
BROMODICHLOROMETHANE	--	--	--
BROMOFORM	--	--	--
BROMOMETHANE	--	--	--
CARBON DISULFIDE	--	--	--
CARBON TETRACHLORIDE	--	--	--
CHLOROBENZENE	--	--	--
CHLORODIBROMOMETHANE	--	--	--
CHLOROETHANE	--	--	--
CHLOROFORM	--	--	--
CHLOROMETHANE	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--
DIBROMOMETHANE	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--
DIISOPROPYL ETHER	--	--	--
ETHYL TERT-BUTYL ETHER	--	--	--
ETHYLBENZENE	--	--	--
FLUORODICHLOROMETHANE	--	--	--
HEXACHLOROBUTADIENE	--	--	--
ISOPROPYLBENZENE	--	--	--
M+P-XYLENES	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--
METHYLENE CHLORIDE	--	--	--
NAPHTHALENE	--	--	--
N-BUTYLBENZENE	--	--	--
N-PROPYLBENZENE	--	--	--
O-XYLENE	--	--	--
SEC-BUTYLBENZENE	--	--	--
STYRENE	--	--	--
TERT-AMYL METHYL ETHER	--	--	--
TERT-BUTYLBENZENE	--	--	--
TERTIARY-BUTYL ALCOHOL	--	--	--
TETRACHLOROETHENE	--	--	--
TOLUENE	--	--	--
TOTAL 1,2-DICHLOROETHENE	--	--	--
TOTAL XYLENES	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-802 F-SB-802-03 9/10/2010	SB-802 F-SB-802-05 9/10/2010	SB-802 F-SB-802-SS 9/10/2010
TRICHLOROETHENE	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--
VINYL ACETATE	--	--	--
VINYL CHLORIDE	--	--	--

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

1-METHYLNAPHTHALENE	--	--	--
2-METHYLNAPHTHALENE	--	--	--
ACENAPHTHENE	--	--	--
ACENAPHTHYLENE	--	--	--
ANTHRACENE	--	--	--
BAP EQUIVALENT-HALFND	--	--	--
BAP EQUIVALENT-POS	--	--	--
BAP EQUIVALENT-UCL	--	--	--
BENZO(A)ANTHRACENE	--	--	--
BENZO(A)PYRENE	--	--	--
BENZO(B)FLUORANTHENE	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--
BENZO(K)FLUORANTHENE	--	--	--
C1-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C1-FLUORANTHENES/PYRENES	--	--	--
C1-FLUORENES	--	--	--
C1-PHENANTHRENE/ANTHRACENES	--	--	--
C2-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C2-FLUORENES	--	--	--
C2-NAPHTHALENES	--	--	--
C2-PHENANTHRENE/ANTHRACENES	--	--	--
C3-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C3-FLUORENES	--	--	--
C3-NAPHTHALENES	--	--	--
C3-PHENANTHRENE/ANTHRACENES	--	--	--
C4-CHRYSENES/BENZO(A)ANTHRACENES	--	--	--
C4-NAPHTHALENES	--	--	--
C4-PHENANTHRENE/ANTHRACENES	--	--	--
CHRYSENE	--	--	--
DIBENZO(A,H)ANTHRACENE	--	--	--
FLUORANTHENE	--	--	--
FLUORENE	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--
NAPHTHALENE	--	--	--

Block F Soil Remedial Action Plan Appendix

SOIL

LOCATION SAMPLE ID SAMPLE DATE	SB-802 F-SB-802-03 9/10/2010	SB-802 F-SB-802-05 9/10/2010	SB-802 F-SB-802-SS 9/10/2010
PHENANTHRENE	--	--	--
PYRENE	--	--	--
TOTAL PAHS	--	--	--
PESTICIDES/PCBS (UG/KG)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOTAL AROCLOR	--	--	--
TOTAL DDT POS	--	--	--
TOXAPHENE	--	--	--
PETROLEUM HYDROCARBONS (UG/KG)			
DIESEL RANGE ORGANICS	--	--	--
GASOLINE RANGE ORGANICS	--	--	--
TPH (C09-C36)	--	--	--

APPENDIX D—RESIDUAL-RISK ANALYSIS

Residual Risk Analysis Conducted to Support Remedial Action Plans for Tax Block F Soils Lockheed Martin Middle River Complex 2323 Eastern Boulevard Middle River, Maryland

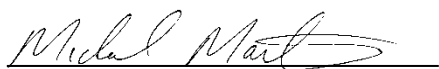
Prepared for:

Lockheed Martin Corporation

Prepared by:

Tetra Tech, Inc.

June 15, 2013



Michael Martin, P.G.
Regional Manager



Lee Ann Sinagoga
Project Manager

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Attachments

Attachment A— Data Histograms; Remedial Goal Calculations

Attachment B—Detailed Residual Risk Analysis Tables

Attachment C—Final Cumulative Risk Estimates (Post Residual Risk Analysis)

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ACRONYMS

BaPEq	benzo(a)pyrene equivalents
bgs	below ground surface
COC	Chemical(s) of concern
COPC	Chemical(s) of potential concern
EPC	exposure point concentration
HI	hazard index
HHRA	human health risk assessment
MDE	Maryland Department of the Environment
µg/kg	micrograms per kilogram
PAHs	polycyclic aromatic hydrocarbons
PRG	preliminary remedial goal
RAO	Remedial action objective
RAP	remedial action plan
RRA	residual risk analysis
RSL	regional screening level
UCL	upper confidence limit
USEPA	United States Environmental Protection Agency

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Section 1

Introduction

The *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, 2323 Eastern Boulevard, Middle River, Maryland* (Tetra Tech, 2012) identified chemicals of concern (COC) in the tax block soils that require remediation if the typical industrial worker is the receptor of concern. This document was prepared to support the remedial action plans (RAP) for the Tax Block F soils, assuming current and future industrial land use. The residual risk analysis contained herein uses a risk assessment approach to select those locations that should be remediated so that risk management goals established by the Maryland Department of the Environment (MDE) are achieved:

- Maryland Department of the Environment cumulative cancer and non-cancer risk benchmarks for receptors exposed to chemicals of concern in an exposure unit (i.e., an area in which receptor activities typically occur) are 1×10^{-5} (i.e., a one-in-one hundred thousand excess probability of developing cancer) and a hazard index (HI) of one, respectively. (Potential adverse non-carcinogenic health effects may occur if the calculated hazard index for a target organ exceeds 1.) Risk estimates greater than these benchmarks are not considered acceptable by the Maryland Department of Environment.
- “Hot spot” areas in soil will also be addressed by the remedial action plan. The Maryland Department of the Environment defines a “hot spot” as a location with a cancer risk estimate exceeding 1×10^{-4} (i.e., a one-in-ten thousand probability of developing cancer) or an HI greater than 100.

Stated alternatively, this analysis will indicate locations that must be remediated to achieve risk management goals or remedial action objectives (RAOs) as they are referred to in the RAP prepared for Tax Block F, while ensuring that “representative” soil concentrations do not exceed the risk-based preliminary remedial goals (PRGs) established for Tax Block F soils. For purposes of human health risk assessment, a “representative” soil concentration (also referred to as the exposure point concentration [EPC]) is typically defined as the 95% upper confidence limit (UCL) on the arithmetic mean. A 95% UCL is defined as a value that, when repeatedly

calculated for randomly drawn subsets of size n, equals or exceeds the true population mean 95% of the time. The 95% UCL provides a measure of uncertainty in the mean.

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Section 2

Methodology

The residual risk analysis (RRA) was conducted in the six steps described below:

Step 1: Identification of Chemicals of Concern:

The HHRA results indicate that carcinogenic polycyclic aromatic hydrocarbons (PAHs), evaluated in terms of benzo(a)pyrene equivalent (BaPEq) concentrations, are the predominant Chemicals of Concern (COC) for an industrial worker hypothetically exposed to soils in Tax Block F. Risk estimates are presented in Table 4-12 of the HHRA (Tetra Tech, 2012); BaPEq were calculated per methodology presented in the HHRA.

Step 2: Determination of Preliminary Remedial Goals

Risk-based preliminary remedial goals (PRGs) for the industrial worker are presented in Section 6 of the HHRA (Tetra Tech, 2012). In this residual risk analysis, the PRG selected for BaPEq for the industrial worker is 2.9 milligrams per kilogram (mg/kg), which represents the 1×10^{-5} cancer risk level.

The risk-based remedial goal used in this RRA was verified using the USEPA regional screening level (RSL) calculator (http://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search); the associated calculation spreadsheets are in Attachment A. Attachment A also includes histograms that display the distribution of BaPEq in Tax Blocks F soils. The histograms demonstrate that risk estimates are strongly influenced by elevated concentrations detected at relatively few sampling locations within the tax block.

Step 3: Ranking of Locations

Sample locations in Tax Block F were ranked according to BaPEq concentrations (and thus also according to risk). Surface soil (i.e., soils from the ground surface to two feet in depth) locations were ranked separately from subsurface (vadose zone) soil (i.e., soil between two feet below

ground surface [bgs] and the typical depth to groundwater, 7 feet at Tax Block F). If more than one soil sample was available for the depth interval, the maximum concentration was used to rank the location. The results of the ranking for surface and subsurface soils are presented in the detailed residual risk analysis tables provided in Attachment B. Total cancer risk estimates (i.e., for all COC, not only the PAHs) are also provided, by sample location, for the hypothetical typical industrial worker and hypothetical resident.

Step 4: Iteratively Remove Samples and Recalculate Exposure Point Concentration

The information presented for Tax Block F in the Attachment B tables was reviewed to select an initial set of locations for RRA. Locations that appeared to contribute most significantly to risk estimates (using professional judgment) calculated for evaluated receptors were considered a reasonable starting point for the analysis. The selected data points (assuming removal via excavation) were replaced by an assumed contaminant concentration of 10 micrograms per kilogram ($\mu\text{g/kg}$), a concentration that assumes clean backfill is used, and the exposure point concentration (EPC) [equal to the 95% upper confidence limit (UCL) on the arithmetic mean] for BaPEq was recalculated using the substituted (clean fill) concentrations. This concentration ($10 \mu\text{g/kg}$) is used as the replacement, non-detect value because the detection limits for BaPEq in samples not impacted by these chemicals tend to range between 1–20 $\mu\text{g/kg}$. If the recalculated EPC exceeded the preliminary remedial goal for a receptor, additional locations were iteratively (one at a time) removed from the dataset and replaced with the default concentration ($10 \mu\text{g/kg}$). The EPC was then recalculated until the resultant EPC was equal or less than the preliminary remedial goal. Table 2-1 is a summary of the results RRA for Tax Block F; detailed risk analysis tables are in Attachment B.

Step 5: Address Cumulative Risk Issue

In Tax Block F since BaPEqs were the only COC, the residual risk analysis focused on reducing the EPC for BaPEq, thus reducing risk. As a final check, risk estimates were recalculated for all chemicals of potential concern (COPCs) initially identified in the HHRA to ensure that risk management goals established for the project are achieved by the remediation of the locations targeted by the RRA (see Attachment C).

Step 6: Margin of Safety

Locations targeted for remediation were reviewed to determine if any adjacent locations should be targeted. As such, the RRA results reflect a margin of safety. For example, if sample location “X” was targeted for remediation and was located near sample location “Y”, which was not targeted for remediation, but demonstrated an elevated COC concentration (i.e., one that exceeds the preliminary remedial goal), then sample location “Y” may have been added to the list of targeted locations. Professional judgment factors used to select additional sample locations targeted for remediation were based on several factors, including professional judgment. Primary factors considered include concentrations at non-targeted locations near (horizontally or vertically) targeted locations, and the spatial distribution of data (e.g., the sample density [or lack thereof]) in an area where exceedances of PRGs occur. Comments in Table 2-1 indicate if professional judgment was used to add locations. Table 2-1 also indicates when a location meets the MDE definition of an industrial “hot spot”: a location with a cancer risk estimate exceeding 1×10^{-4} (i.e., a one-in-ten thousand probability of developing cancer) or an HI greater than 100. All locations meeting the MDE “hot spot” definition (see Section 1) were also targeted for remediation.

Table 2-1

**Summary of Residual Risk Analysis Results - Tax Block F
Lockheed Martin, Middle River Complex
Middle River, Maryland**

Location	Industrial - Recommended for Removal	Comments
Surface Soil (See detailed Table B-1)		
SB-095	X	Necessary to meet industrial preliminary remedial goals
SB-268	X	Necessary to meet industrial preliminary remedial goals
SB-383	X	Added due to proximity of SB-095, SB-268, and SB-645
SB-645	X	Necessary to meet industrial preliminary remedial goals
SB-636C	X	Added because surface soil impacts in an easily assessable cluster
SB-636D	X	Added because surface soil impacts in an easily assessable cluster
SB-637B	X	Added because surface soil impacts in an easily assessable cluster
SB-797	X	Added to address single elevated data point
SB-641C	X	Added to address single elevated data point
SB-647A	X	Added due to proximity of SB-095, SB-268, and SB-645
SB-647C	X	Added due to proximity of SB-095, SB-268, and SB-645
SB-647	X	Added due to proximity of SB-095, SB-268, and SB-645
SB-646	X	Added due to proximity of SB-095, SB-268, and SB-645
Thirteen of the 115 sampling locations (11 percent) and 15 of 136 samples (11 percent) need to be removed to achieve the desired remedial goal of 2,900 ug/kg for industrial exposures to the BaPeqs. The residual site 95% UCL would be 0.38 mg/kg.		
Subsurface Soil (See detailed Table B-2).		
No samples need to be removed to achieve remedial goals for the industrial worker.		

Only sampling locations located in the vadose zone are included in this table. Depth to groundwater is 7 feet Block F.

Section 3

Results and Conclusions

The results of the residual risk analysis (RRA) described in Section 2 are summarized in Table 2-1. The locations potentially targeted for remediation in Block F based on the residual risk analysis for the industrial worker (or on professional judgment considerations), are included in this table. All locations meeting the Maryland Department of the Environment (MDE) “hot spot” definition, which represents the 1×10^{-4} cancer risk level, are identified for removal in Table 2-1. Note that Table 2-1 includes samples targeted for potential remediation by RRA and professional judgment, while the Attachment B tables include only those samples targeted by residual risk analysis. In other words, sample locations in Attachment B are a sub-set of those in Table 2-1. Similarly, the exposure point concentrations (i.e., the 95% upper confidence limits for arithmetic mean concentrations) in Table 2-1 do not match the ones in Attachment B tables because the sample lists are not exactly the same.

A summary of the information presented in the Table 2-1 and in Attachment B follows:

- As expected, the locations meeting the MDE “hot spot” definition strongly influence the 95% upper confidence limit (UCL) for chemicals of concern (COC).
- Tables B-1 and B-2 present residual risk analysis results for Tax Block F surface and subsurface soil, respectively; these results are summarized in Table 2-1. The primary risk driver for these blocks are benzo(a)pyrene equivalents. BaPEq concentrations clearly above the preliminary remedial goal were detected at a several locations and are targeted for remediation.

The conclusions presented above should be reviewed in light of the following caveats and uncertainties:

- Data for the Lockheed Martin Corporation Middle River Complex facility do not include a site-specific background dataset for soil. Risk-based preliminary remedial goals calculated for benzo(a)pyrene equivalents are within the range of anthropogenic background soil concentrations reported in literature. Because environs surrounding the site are highly developed, the risk-based preliminary remedial goal may actually

be less than anthropogenic background concentrations, and thus are considered conservative.

- The chemical profile of the fill material brought in to replace excavated soils is unknown at this time. This residual risk analysis uses a replacement concentration (10 micrograms per kilogram [$\mu\text{g/kg}$]) to calculate the exposure point concentration. However, anthropogenic background concentrations of polycyclic aromatic hydrocarbons (and thus, benzo(a)pyrene equivalents) may easily exceed this concentration. The exposure point concentration (i.e., the 95% upper confidence level on the arithmetic mean) and residual risk will need to be recalculated if fill soils contain benzo(a)pyrene equivalents at concentrations greater than $10 \mu\text{g/kg}$.

A residual risk analysis was conducted by ranking soil samples in Tax Block G by chemicals of concern (COC) [i.e., benzo(a)pyrene] from highest to lowest concentration. Sampling locations with higher chemicals of concern concentrations were selected for remediation, and the exposure point concentration was recalculated until it was equal to or less than the remedial goal. Industrial worker preliminary remedial goals were used for Tax Block F. Soil volumes calculated using the locations selected in the residual risk analysis are lower than soil volumes calculated using a strict comparison of sample location concentrations to preliminary remedial goals, because not every sample location with benzo(a)pyrene equivalent exceeding 2.9 mg/kg (the preliminary remedial goals for the industrial scenario) needs to be remediated. The final benchmark or remedial action objective is to achieve a cumulative residual risk level of 1×10^{-5} for industrial workers in Tax Block F. Risk estimates calculated for the construction worker receptor using residual concentrations (as determined by this residual risk analysis) do not exceed Maryland Department of the Environment risk management benchmarks for cancer (1×10^{-5}) and non-cancer (i.e., a hazard index > 1.0) effects.

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Section 4

References

1. Maryland Department of the Environment (MDE), 2008. *Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 2.1)*. June.
2. Tetra Tech, Inc. (Tetra Tech), 2012. *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, 2323 Eastern Boulevard, Middle River, Maryland*. September.

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Attachment A
Data Histograms;
Remedial Goal Calculations

Figure A-1
Histogram of Benzo(a)pyrene Equivalent Concentrations in Surface Soil
Block F Lockheed Martin
One-half Detection Limit = Non-detects

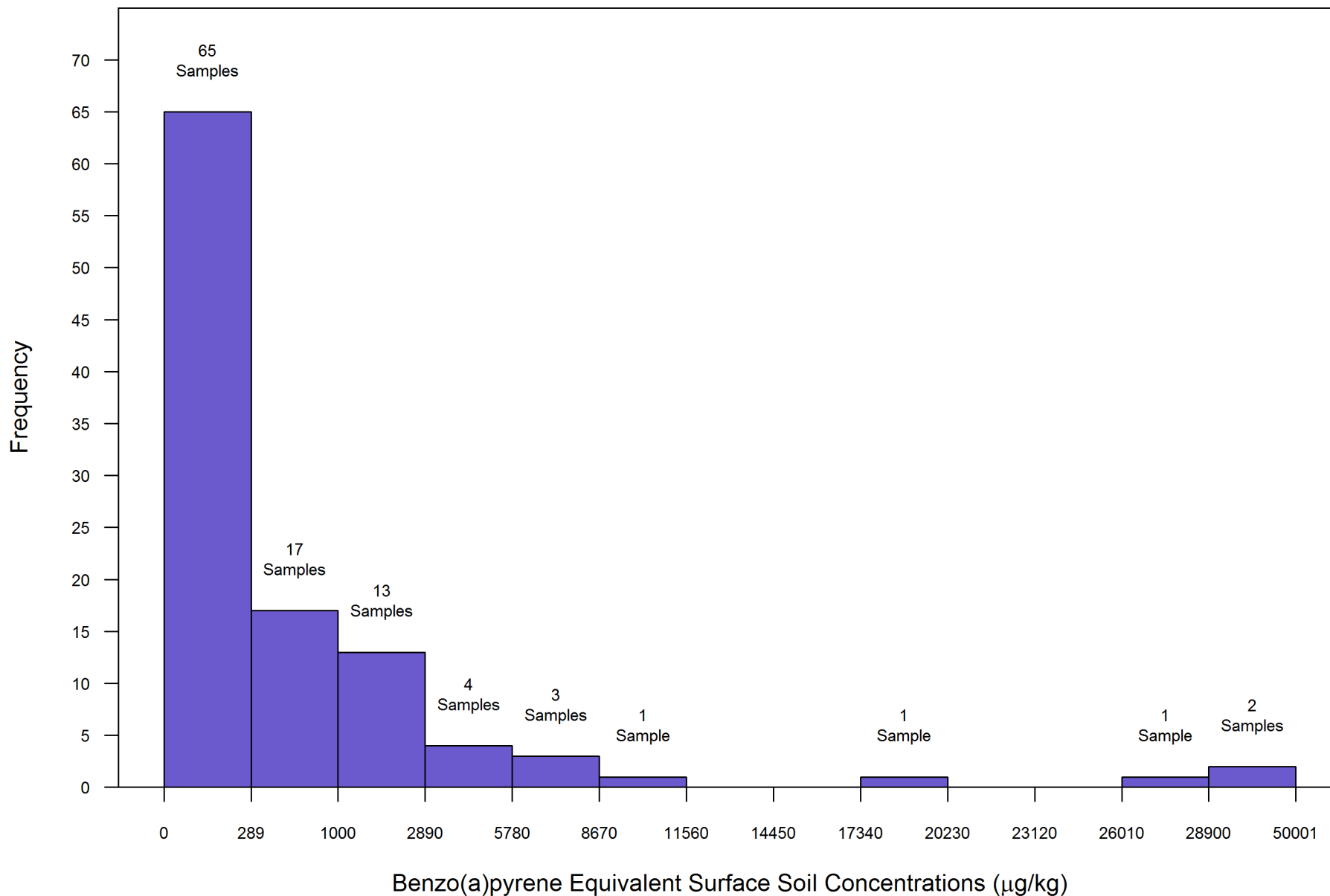


Figure A-2
Histogram of Benzo(a)pyrene Equivalent Concentrations in Surface Soil
Block F Lockheed Martin
First Bin = Non-detects

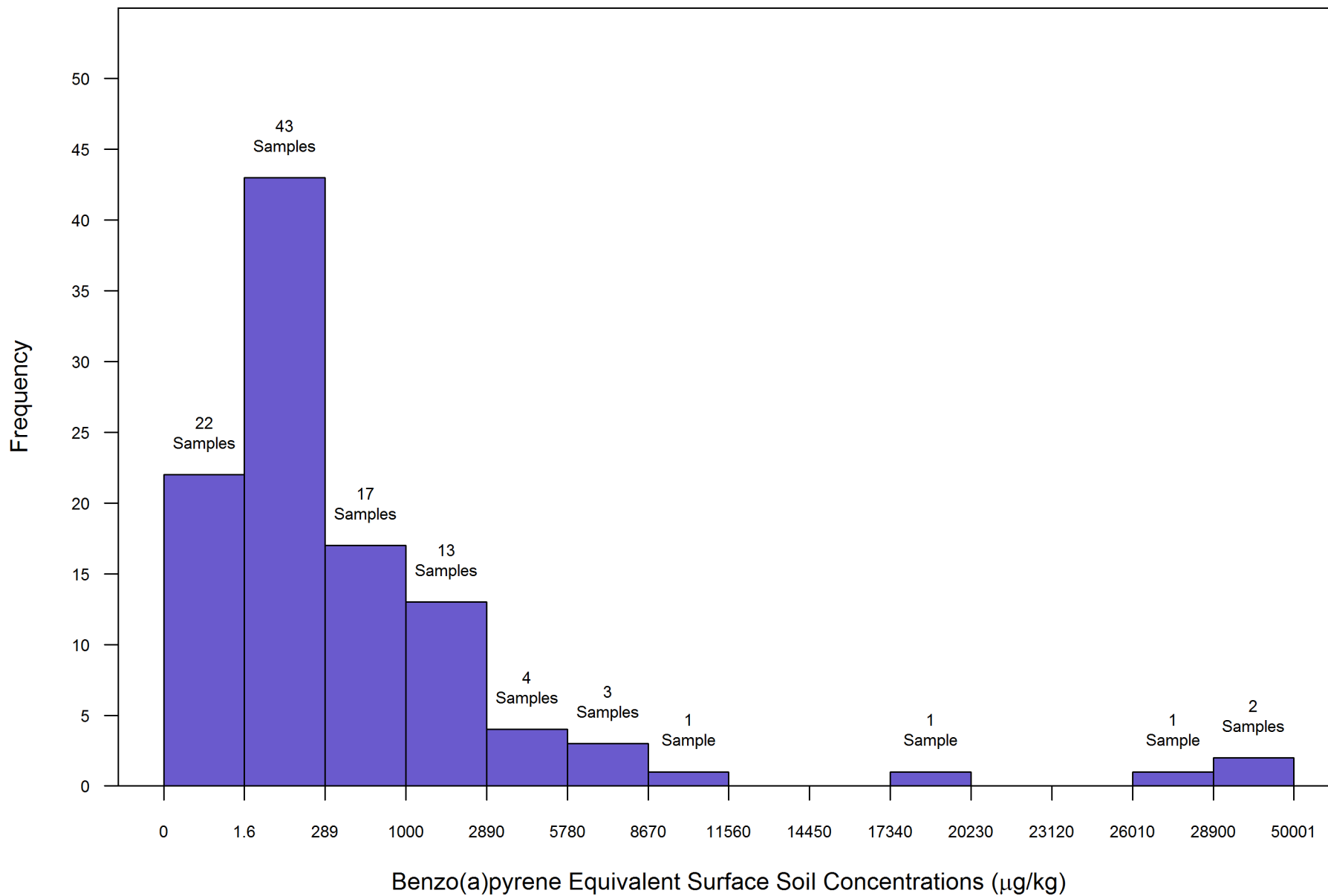


Figure A-3
Histogram of Benzo(a)pyrene Equivalent Concentrations in Subsurface Soil
Block F Lockheed Martin
One-half Detection Limit = Non-detects

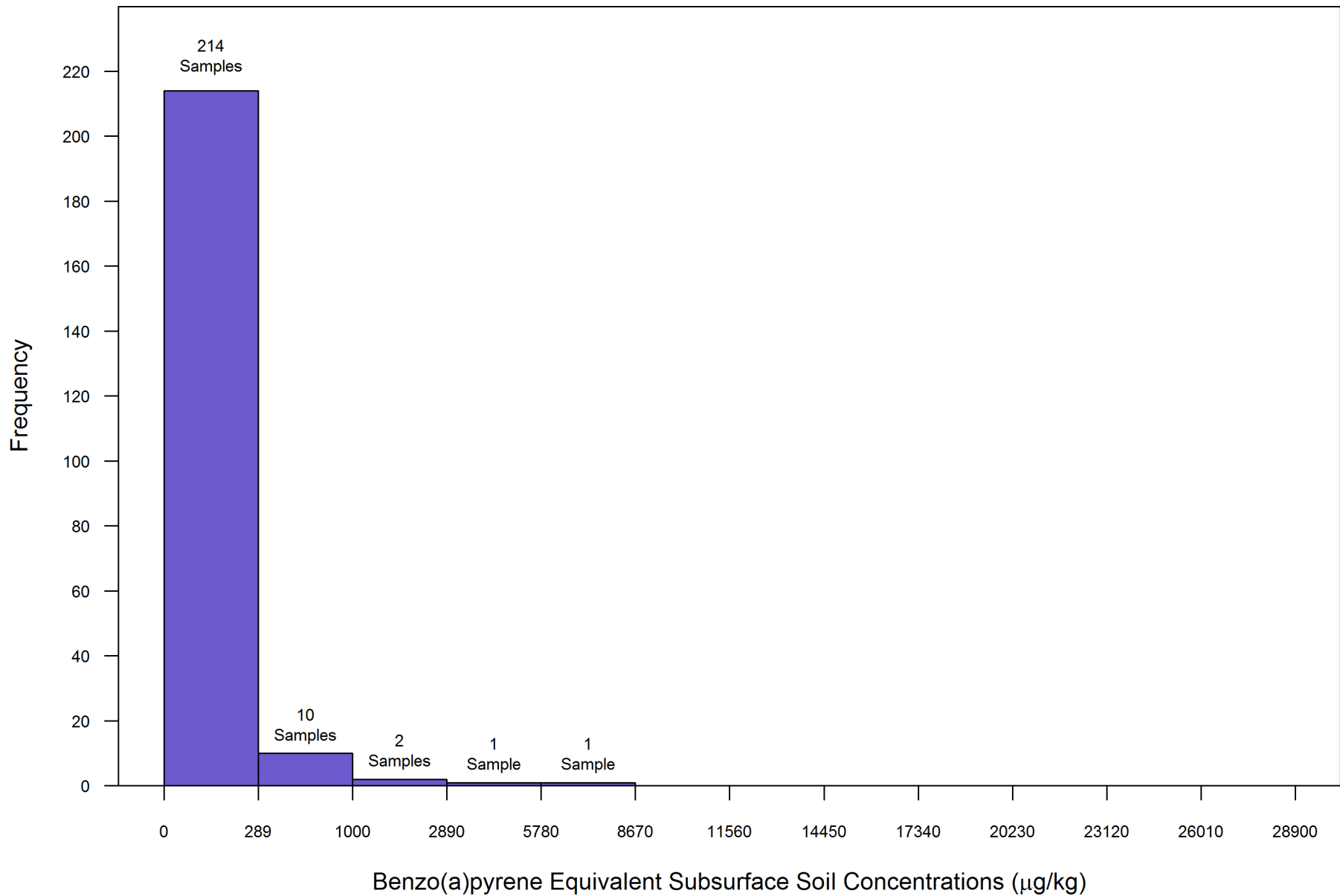
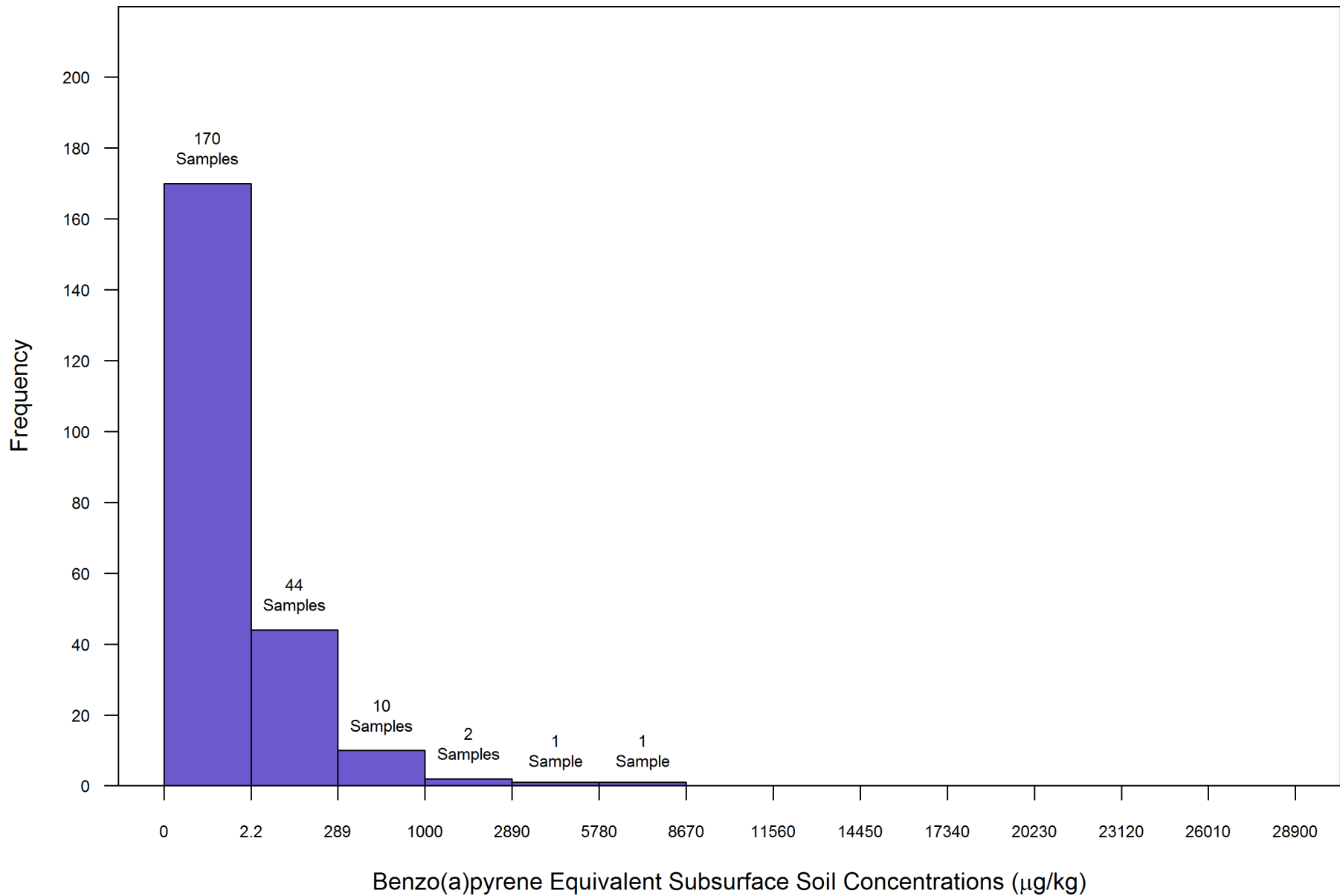


Figure A-4
Histogram of Benzo(a)pyrene Equivalent Concentrations in Subsurface Soil
Block F Lockheed Martin
First Bin = Non-detects



Attachment A
Remedial Goal Calculations
Block F Lockheed Martin

Site-specific

Composite Worker Equation Inputs for Soil

Variable	Value
TR (target cancer risk) unitless	0.00001
THQ (target hazard quotient) unitless	1
AT _w (averaging time)	365
EF _w (exposure frequency) d/yr	250
ED _w (exposure duration) yr	25
ET _w (exposure time) hr	8
LT (lifetime) yr	70
BW _w (body weight)	70
IR _w (soil ingestion rate) mg/day	50
SA _w (surface area) cm ² /day	3300
AF _w (skin adherence factor) mg/cm ²	0.2
City (Climate Zone) PEF Selection	Philadelphia, P
A _s (acres) PEF Selection	0.5
Q/C _{wp} (g/m ² -s per kg/m ³) PEF Selection	87.36898
V (fraction of vegetative cover) unitless	0.5
U _m (mean annual wind speed) m/s	4.29
U _t (equivalent threshold value)	11.32
F(x) (function dependant on U _m /U _t) unitless	0.0993
City (Climate Zone) VF Selection	Philadelphia, P
A _s (acres) VF Selection	0.5
Q/C _{wp} (g/m ² -s per kg/m ³) VF Selection	87.36898
foc (fraction organic carbon in soil) g/g	0.006
ρ _b (dry soil bulk density) g/cm ³	1.5
ρ _s (soil particle density) g/cm ³	2.65
θ _w (water-filled soil porosity) L _{water} /L _{soil}	0.15
T (exposure interval) s	950000000
Output generated 17SEP2012:07:15:21	

Attachment B

Detailed Residual Risk Analysis Tables

Table B-1

Residual Risk Analysis Results - Block F - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
Page 1 of 5

Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-095	SB-95-SS	0 - 1	2,100	9E-06	2E-04	Samples needing removal to meet the benzo(a)pyrene (BaPEq) industrial preliminary remedial goal (PRG) [2,900 µg/kg or 2.9 mg/kg]. Site 95% UCL will be 2,300 µg/kg (2.3 mg/kg).
	F-SB-95RE-1	1 - 1	50,000	2E-04	4E-03	
	F-SB-95RE-2	2 - 2	2.6	9E-09	2E-07	
SB-268	SB-268-SS	0 - 1	38,000	1E-04	3E-03	
	SB-268-02	1 - 2	4,300	1E-05	3E-04	
SB-645	F-SB-645-1	1 - 1	27,000	9E-05	2E-03	
SB-383	SB-383-0102	1 - 2	19,000	7E-05	1E-03	
SB-641C	F-SB-641C-1	1 - 1	9,100	3E-05	7E-04	
SB-636C	F-SB-636C-1	1 - 1	7,100	2E-05	5E-04	
SB-637B	F-SB-637B-1	1 - 1	7,000	2E-05	5E-04	
SB-636D	F-SB-636D-1	1 - 1	6,800	2E-05	5E-04	
SB-647C	F-SB-647C-1	1 - 1	5,100	2E-05	4E-04	
SB-647A	F-SB-647A-1	1 - 1	3,800	1E-05	3E-04	
SB-797	F-SB-797-SS	1 - 1	3,500	1E-05	3E-04	
SB-265	SB-265-SS	0 - 1	2,500	1E-05	2E-04	
	SB-265-02	1 - 2	600	2E-06	5E-05	
SB-637C	F-SB-637C-1	1 - 1	2,100	7E-06	2E-04	
SB-093	SB-93-SS	0 - 1	1,900	1E-05	2E-04	
	F-SB-93RE-1	1 - 1	1,200	4E-06	9E-05	
	F-SB-93RE-2	2 - 2	150	5E-07	1E-05	
SB-269	SB-269-SS	0 - 1	1,900	1E-05	2E-04	
	SB-269-02	1 - 2	82 U	1E-07	3E-06	
SB-642	F-SB-642-1	1 - 1	1,500	5E-06	1E-04	
SB-636B	F-SB-636B-1	1 - 1	1,400	5E-06	1E-04	
SB-641	F-SB-641-1	1 - 1	1,400	5E-06	1E-04	
SB-266	SB-266-SS	0 - 1	1,300	7E-06	1E-04	
	SB-266-02	1 - 2	190	7E-07	1E-05	
SB-635C	F-SB-635C-1	1 - 1	1,300	4E-06	1E-04	
SB-637	F-SB-637-1	1 - 1	1,200	4E-06	9E-05	
SB-094	SB-94-SS	0 - 1	1,100	7E-06	1E-04	
SB-643	F-SB-643-1	1 - 1	710	2E-06	5E-05	
SB-096	F-SB-96RE-1	1 - 1	600	2E-06	5E-05	
SB-406	SB-406-0102	1 - 2	510	2E-06	4E-05	
SB-652B	F-SB-652B-1	1 - 1	510	2E-06	4E-05	
SB-393	SB-393-0102	1 - 2	450	2E-06	3E-05	
SB-238	SB-238-SS	0 - 1	420	4E-06	6E-05	
	SB-238-01	1 - 2	140	2E-06	3E-05	
SB-636A	F-SB-636A-1	1 - 1	410	1E-06	3E-05	
SB-030	SB-30A-SS	0 - 1	400	3E-06	4E-05	
SB-388	SB-388-0102	1 - 2	380	1E-06	3E-05	
SB-645C	F-SB-645C-1	1 - 1	370	1E-06	3E-05	
SB-270	SB-270-SS	0 - 1	370	2E-06	4E-05	
SB-652	F-SB-652-1	1 - 1	340	1E-06	3E-05	
SB-267	SB-267-SS	0 - 1	310	2E-06	4E-05	
SB-055	SB-55-SS	0 - 1	310	2E-06	3E-05	
SB-024	SB-24A-SS	0 - 1	300	3E-06	4E-05	
SB-641B	F-SB-641B-1	1 - 1	290	1E-06	2E-05	
SB-647	F-SB-647-1	1 - 1	280	1E-06	2E-05	
SB-647B	F-SB-647B-1	1 - 1	280	1E-06	2E-05	
SB-652A	F-SB-652A-1	1 - 1	230	8E-07	2E-05	
SB-389	SB-389-0102	1 - 2	220	8E-07	2E-05	
SB-094	F-SB-94RE-1	1 - 1	180	7E-07	1E-05	
	F-SB-94RE-2	2 - 2	95	4E-07	7E-06	
SB-636	F-SB-636-1	1 - 1	160	6E-07	1E-05	
SB-267	SB-267-02	1 - 2	140	5E-07	1E-05	
SB-394	SB-394-0102	1 - 2	140	5E-07	1E-05	
SB-407	SB-407-0102	1 - 2	130	5E-07	1E-05	
SB-270	SB-270-02	1 - 2	120	4E-07	9E-06	
SB-643B	F-SB-643B-1	1 - 1	120	4E-07	9E-06	
SB-645B	F-SB-645B-1	1 - 1	110	4E-07	8E-06	
SB-645A	F-SB-645A-1	1 - 1	110	4E-07	8E-06	
SB-408	SB-408-0102	1 - 2	87	3E-07	7E-06	
SB-396	SB-396-0102	1 - 2	80	3E-07	6E-06	

Table B-1

Residual Risk Analysis Results - Block F - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
Page 2 of 5

Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-397	SB-397-0102	1 - 2	80	3E-07	6E-06	
SB-639	F-SB-639-1	1 - 1	79	3E-07	6E-06	

Table B-1

Residual Risk Analysis Results - Block F - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
Page 3 of 5

Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-640	F-SB-640-1	1 - 1	74	3E-07	6E-06	
SB-644	F-SB-644-1	1 - 1	70	2E-07	5E-06	
SB-642B	F-SB-642B-1	1 - 1	57	2E-07	4E-06	
SB-641A	F-SB-641A-1	1 - 1	41	1E-07	3E-06	
SB-409	SB-409-0102	1 - 2	39	2E-07	3E-06	
SB-402	SB-402-0102	1 - 2	37	2E-07	3E-06	
SB-405	SB-405-0102	1 - 2	36	2E-07	3E-06	
SB-398	SB-398-0102	1 - 2	29	1E-07	2E-06	
SB-401	SB-401-0102	1 - 2	25	1E-07	2E-06	
SB-056	F-SB-56RE-1	1 - 1	23	8E-08	2E-06	
SB-646	F-SB-646-1	1 - 1	23	8E-08	2E-06	
SB-635D	F-SB-635D-1	1 - 1	20	7E-08	2E-06	
SB-652C	F-SB-652C-1	1 - 1	19	6E-08	1E-06	
SB-651	F-SB-651-1	1 - 1	14	7E-08	1E-06	
SB-799	F-SB-799-SS	1 - 1	13	5E-08	1E-06	
SB-387	SB-387-0102	1 - 2	12	8E-08	1E-06	
SB-390	SB-390-0102	1 - 2	9.9	7E-08	9E-07	
SB-489	SB-489-0102	1 - 2	9.6	7E-08	9E-07	
SB-400	SB-400-0102	1 - 2	9.1	7E-08	9E-07	
SB-650	F-SB-650-1	1 - 1	4.1	1E-08	3E-07	
SB-642C	F-SB-642C-1	1 - 1	1.7	6E-09	1E-07	
SB-056	F-SB-56RE-2	2 - 2	1.5 U	3E-09	6E-08	
SB-022	SB-22A-SS	0 - 1	430 U	2E-06	2E-05	
SB-025	SB-25A-SS	0 - 1	400 U	2E-06	3E-05	
SB-023	SB-23A-SS	0 - 1	380 U	2E-06	3E-05	
SB-096	F-SB-96RE-2	2 - 2	1.6 U	3E-09	6E-08	
SB-798	F-SB-798-SS	1 - 1	3.7 U	6E-09	1E-07	
SB-648	F-SB-648-1	1 - 1	2.2 U	4E-09	8E-08	
SB-649	F-SB-649-1	1 - 1	2.2 U	4E-09	8E-08	
SB-391	SB-391-0102	1 - 2	1.6 U	4E-08	3E-07	
SB-395	SB-395-0102	1 - 2	1.6 U	4E-08	3E-07	
SB-382	SB-382-0102	1 - 2	1.5 U	4E-08	2E-07	
SB-384	SB-384-0102	1 - 2	1.5 U	4E-08	2E-07	
SB-403	SB-403-0102	1 - 2	1.5 U	4E-08	2E-07	
SB-404	SB-404-0102	1 - 2	1.5 U	4E-08	2E-07	
SB-642A	F-SB-642A-1	1 - 1	1.5 U	3E-09	6E-08	
SB-385	SB-385-0102	1 - 2	1.4 U	4E-08	2E-07	
SB-386	SB-386-0102	1 - 2	1.4 U	4E-08	2E-07	
SB-392	SB-392-0102	1 - 2	1.4 U	4E-08	2E-07	
SB-399	SB-399-0102	1 - 2	1.4 U	4E-08	2E-07	
SB-638	F-SB-638-1	1 - 1	1.4 U	2E-08	1E-07	
SB-643C	F-SB-643C-1	1 - 1	1.4 U	2E-09	5E-08	
SB-024A	F-SB-24ARE-1	1 - 1		0E+00	0E+00	
	F-SB-24ARE-2	2 - 2		0E+00	0E+00	
SB-050	SB-50-SS	0 - 1		1E-06	1E-05	
SB-236	SB-236-SS	0 - 1		2E-06	2E-05	
	SB-236-01	1 - 2		2E-06	2E-05	
SB-237	SB-237-SS	0 - 1		1E-06	1E-05	
	SB-237-01	1 - 2		7E-06	9E-05	
SB-250	SB-250-SS	0 - 1		5E-07	6E-06	
	SB-250-02	1 - 2		1E-06	1E-05	
SB-251	SB-251-SS	0 - 1		1E-06	1E-05	
	SB-251-02	1 - 2		2E-06	2E-05	
SB-252	SB-252-SS	0 - 1		7E-07	8E-06	
	SB-252-02	1 - 2		2E-06	2E-05	
SB-253	SB-253-SS	0 - 1		9E-07	1E-05	
	SB-253-02	1 - 2		9E-07	1E-05	
SB-624	F-SB-624-1	1 - 1		0E+00	0E+00	
	F-SB-624-2	2 - 2		0E+00	0E+00	
SB-625	F-SB-625-1	1 - 1		0E+00	0E+00	
	F-SB-625-2	2 - 2		0E+00	0E+00	
SB-626	F-SB-626-1	1 - 1		0E+00	0E+00	
	F-SB-626-2	2 - 2		0E+00	0E+00	
SB-626B	F-SB-626B-(1-4)	1 - 4		0E+00	0E+00	

Table B-1

Residual Risk Analysis Results - Block F - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
Page 4 of 5

Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-626C	F-SB-626C-1	1 - 1		0E+00	0E+00	
SB-626D	F-SB-626D-1	1 - 1		0E+00	0E+00	

Table B-1

**Residual Risk Analysis Results - Block F - Surface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
Page 5 of 5**

Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-627	F-SB-627-1	1 - 1		0E+00	0E+00	
	F-SB-627-2	2 - 2		0E+00	0E+00	
SB-800	F-SB-800-SS	1 - 1		0E+00	0E+00	
SB-801	F-SB-801-SS	1 - 1		0E+00	0E+00	
SB-802	F-SB-802-SS	1 - 1		0E+00	0E+00	

1 - Sample locations are listed in order from highest to lowest benzo(a)pyrene (BaPEq) concentrations.

2 - One half the non-detected value was used for the calculation of the benzo(a)pyrene equivalents. If all concentrations were non-detect then the detection limit for benzo(a)pyrene was used as the benzo(a)pyrene equivalent concentration. Original and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.

3 - Total incremental lifetime cancer risk from exposure to all chemicals of potential concern in soil.

Shading indicates cancer risk exceeds 1×10^{-4} and location is considered to be a "hot spot" according to Maryland Department of Environmental Protection guidance (MDE, 2008).

BaPEq - benzo(a)pyrene equivalent

ILCR - incremental lifetime cancer risk

µg/kg - microgram per kilogram

mg/kg - milligram per kilogram

NA - not available, sample was not analyzed for polycyclic aromatic hydrocarbons

PRG - preliminary remedial goal

U - not detected

UCL - upper confidence level

Table B-2

Residual Risk Analysis Results - Block F - Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
Page 1 of 5

Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-268RE	F-SB-268RE-3	3 - 3	7,600	3E-05	6E-04	No samples need to be removed to meet benzo(a)pyrene equivalents (BaPEq) industrial preliminary remedial goal (2,900 µg/kg or 2.9 mg/kg). Site 95% UCL is 260 µg/kg.
	F-SB-268RE-4	4 - 4	740	3E-06	6E-05	
	F-SB-268RE-7-AVG	7 - 7	1,900	6E-06	1E-04	
	F-SB-268RE-5	5 - 5	300	1E-06	2E-05	
	F-SB-268RE-6	6 - 6	1,400	5E-06	1E-04	
SB-238	SB-238-05	5 - 5	3,000	2E-05	3E-04	
SB-390	SB-390-0203	2 - 3	1.7 U	2E-08	2E-07	
	SB-390-0405	4 - 5	990	3E-06	7E-05	
	F-SB-390RE-6	6 - 6	1.5 U	3E-09	6E-08	
SB-397	F-SB-390RE-7	7 - 7	1.5 U	3E-09	6E-08	
	SB-397-0203	2 - 3	1.5 U	2E-08	1E-07	
	SB-397-0405	4 - 5	850	3E-06	6E-05	
	F-SB-397RE-6	6 - 6	37	1E-07	3E-06	
SB-094	F-SB-397RE-7	7 - 7	25	9E-08	2E-06	
	F-SB-94RE-3	3 - 3	1.6 U	1E-08	1E-07	
	F-SB-94RE-4	4 - 4	1.5 U	1E-08	1E-07	
	F-SB-94RE-5	5 - 5	1.5 U	1E-08	1E-07	
	F-SB-94RE-6	6 - 6	25	1E-07	2E-06	
SB-652	F-SB-94RE-7	7 - 7	1.5 U	1E-08	1E-07	
	F-SB-652-3	3 - 3	33	1E-07	3E-06	
	F-SB-652-5	5 - 5	390	1E-06	3E-05	
SB-636C	F-SB-652-7	7 - 7	1.5 U	3E-09	6E-08	
	F-SB-636C-3	3 - 3	390	1E-06	3E-05	
	F-SB-636C-5	5 - 5	38	1E-07	3E-06	
SB-405	F-SB-636C-7	7 - 7	1.5 U	3E-09	6E-08	
	SB-405-0203	2 - 3	1.4 U	2E-08	1E-07	
SB-393	SB-405-0405	4 - 5	330	1E-06	2E-05	
	SB-393-0203	2 - 3	1.4 U	2E-08	1E-07	
SB-393	F-SB-393RE-3	3 - 3	330	1E-06	2E-05	
	F-SB-393RE-4	4 - 4	1.5 U	3E-09	6E-08	
	F-SB-393RE-5-AVG	5 - 5	44	2E-07	3E-06	
	F-SB-393RE-6	6 - 6	1.5 U	3E-09	6E-08	
	F-SB-393RE-7	7 - 7	1.5 U	3E-09	6E-08	
SB-406	SB-406-0203	2 - 3	320	1E-06	2E-05	
	SB-406-0405	4 - 5	62	2E-07	5E-06	
SB-636	F-SB-636-3-AVG	3 - 3	100	4E-07	8E-06	
	F-SB-636-5	5 - 5	320	1E-06	2E-05	
	F-SB-636-7	7 - 7	1.5 U	3E-09	6E-08	
SB-489	SB-489-0203	2 - 3	260	9E-07	2E-05	
	SB-489-0405	4 - 5	9.8	5E-08	8E-07	
SB-797	F-SB-797-03	3 - 3	3.7 U	6E-09	1E-07	
	F-SB-797-05	5 - 5	260	9E-07	2E-05	
SB-642B	F-SB-642B-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-642B-5	5 - 5	200	7E-07	2E-05	
	F-SB-642B-7	7 - 7	9.8	3E-08	7E-07	
SB-407	SB-407-0203	2 - 3	190	7E-07	1E-05	
	SB-407-0405	4 - 5	110	4E-07	8E-06	
SB-635C	F-SB-635C-3	3 - 3	26	9E-08	2E-06	
	F-SB-635C-5	5 - 5	28	1E-07	2E-06	
	F-SB-635C-7-AVG	7 - 7	140	5E-07	1E-05	
SB-490	SB-490-0405	4 - 5	110	4E-07	8E-06	
SB-637	F-SB-637-3	3 - 3	3.7	2E-08	3E-07	
	F-SB-637-5	5 - 5	68	2E-07	5E-06	
SB-409	SB-409-0203	2 - 3	1.6 U	2E-08	2E-07	
	SB-409-0405	4 - 5	67	3E-07	5E-06	
SB-647C	F-SB-647C-3	3 - 3	59	2E-07	4E-06	
SB-383	SB-383-0203	2 - 3	51	2E-07	4E-06	
	SB-383-0405	4 - 5	38	2E-07	3E-06	
SB-408	SB-408-0203	2 - 3	50	2E-07	4E-06	
	SB-408-0405	4 - 5	12	6E-08	1E-06	

Table B-2

Residual Risk Analysis Results - Block F - Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
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Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-265RE	F-SB-265RE-3	3 - 3	36	1E-07	3E-06	
	F-SB-265RE-4	4 - 4	1.7 U	3E-09	6E-08	
SB-093	F-SB-93RE-3	3 - 3	1.5 U	1E-08	1E-07	
	F-SB-93RE-4	4 - 4	1.5 U	1E-08	1E-07	
	F-SB-93RE-5	5 - 5	36	1E-07	3E-06	
	F-SB-93RE-6	6 - 6	1.5 U	1E-08	1E-07	
	F-SB-93RE-7	7 - 7	1.5 U	1E-08	1E-07	
SB-636D	F-SB-636D-3	3 - 3	34	1E-07	3E-06	
	F-SB-636D-5	5 - 5	1.5 U	3E-09	6E-08	
	F-SB-636D-7	7 - 7	1.6 U	3E-09	6E-08	
SB-389	SB-389-0203	2 - 3	1.5 U	2E-08	2E-07	
	F-SB-389RE-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-389RE-4	4 - 4	1.5 U	3E-09	6E-08	
	SB-389-0405	4 - 5	33	1E-07	3E-06	
SB-398	SB-398-0203	2 - 3	33	1E-07	3E-06	
	SB-398-0405	4 - 5	1.5 U	2E-08	1E-07	
SB-642	F-SB-642-3-AVG	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-642-5	5 - 5	28	1E-07	2E-06	
	F-SB-642-7	7 - 7	1.5 U	3E-09	6E-08	
SB-394	SB-394-0203	2 - 3	25	1E-07	2E-06	
	SB-394-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-399	SB-399-0203	2 - 3	1.4 U	2E-08	1E-07	
	SB-399-0405	4 - 5	22	1E-07	2E-06	
	SB-392-0203	2 - 3	1.5 U	2E-08	1E-07	
SB-392	SB-392-0405	4 - 5	20	9E-08	2E-06	
SB-404	SB-404-0203	2 - 3	1.6 U	2E-08	2E-07	
	SB-404-0405	4 - 5	18	8E-08	1E-06	
SB-798	F-SB-798-03-AVG	3 - 3	11	4E-08	8E-07	
	F-SB-798-05	5 - 5	3.6 U	6E-09	1E-07	
SB-641	F-SB-641-3	3 - 3	7.4	3E-08	6E-07	
	F-SB-641-5	5 - 5	2.2 U	4E-09	8E-08	
SB-645	F-SB-645-3	3 - 3	7.0	2E-08	5E-07	
	F-SB-645-5	5 - 5	2.3	8E-09	2E-07	
	F-SB-645-7	7 - 7	2.3	8E-09	2E-07	
SB-266RE	F-SB-266RE-3	3 - 3	2.5	2E-08	2E-07	
	F-SB-266RE-4	4 - 4	1.5 U	1E-08	1E-07	
	F-SB-639-3	3 - 3	1.6 U	1E-08	1E-07	
SB-639	F-SB-639-5	5 - 5	2.4	2E-08	2E-07	
SB-055	SB-55-05	5 - 5	410 U	2E-06	3E-05	
SB-296	SB-296-0405	4 - 5	410 U	4E-06	5E-05	
SB-022	SB-22-05	5 - 5	400 U	2E-06	3E-05	
SB-295	SB-295-0405	4 - 5	400 U	3E-06	4E-05	
SB-023	SB-23-05	5 - 5	390 U	1E-06	2E-05	
SB-024	SB-24-05	5 - 5	390 U	2E-06	3E-05	
SB-025	SB-25-05	5 - 5	390 U	1E-06	2E-05	
SB-298	SB-298-0405	4 - 5	390 U	2E-06	3E-05	
SB-030	SB-30-05	5 - 5	380 U	2E-06	3E-05	
SB-297	SB-297-0405	4 - 5	380 U	3E-06	3E-05	
SB-299	SB-299-0405	4 - 5	380 U	2E-06	3E-05	
SB-799	F-SB-799-03	3 - 3	3.6 U	6E-09	1E-07	
	F-SB-799-05	5 - 5	3.7 U	6E-09	1E-07	
SB-647	F-SB-647-3	3 - 3	2.3 U	4E-09	9E-08	
	F-SB-647-5	5 - 5	2.4 U	4E-09	9E-08	
	F-SB-647-7	7 - 7	2.1 U	4E-09	8E-08	
SB-648	F-SB-648-3	3 - 3	2.1 U	4E-09	8E-08	
	F-SB-648-5	5 - 5	2.2 U	4E-09	8E-08	
	F-SB-648-7	7 - 7	2.3 U	4E-09	9E-08	
SB-646	F-SB-646-3-AVG	3 - 3	2.3 U	4E-09	9E-08	
	F-SB-646-5	5 - 5	2.2 U	4E-09	8E-08	
	F-SB-646-7	7 - 7	2.2 U	4E-09	8E-08	

Table B-2

Residual Risk Analysis Results - Block F - Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
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Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-649	F-SB-649-3	3 - 3	2.2 U	4E-09	8E-08	
	F-SB-649-5	5 - 5	2.2 U	4E-09	8E-08	
SB-650	F-SB-650-3-AVG	3 - 3	2.1 U	4E-09	8E-08	
	F-SB-650-5	5 - 5	2.1 U	4E-09	8E-08	
SB-391	SB-391-0203	2 - 3	2 U	3E-08	2E-07	
	SB-391-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-096	F-SB-96RE-3	3 - 3	1.6 U	3E-09	6E-08	
	F-SB-96RE-4	4 - 4	1.7 U	3E-09	6E-08	
	F-SB-96RE-5	5 - 5	1.5 U	3E-09	6E-08	
	F-SB-96RE-6	6 - 6	1.5 U	3E-09	6E-08	
SB-645C	F-SB-645C-3	3 - 3	1.7 U	3E-09	6E-08	
SB-382	SB-382-0203	2 - 3	1.7 U	2E-08	2E-07	
	SB-382-0405	4 - 5	1.6 U	2E-08	2E-07	
SB-095	F-SB-95RE-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-95RE-4	4 - 4	1.5 U	3E-09	6E-08	
	F-SB-95RE-5	5 - 5	1.5 U	3E-09	6E-08	
	F-SB-95RE-6	6 - 6	1.5 U	3E-09	6E-08	
	F-SB-95RE-7	7 - 7	1.6 U	3E-09	6E-08	
SB-635D	F-SB-635D-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-635D-7	7 - 7	1.6 U	3E-09	6E-08	
SB-636A	F-SB-636A-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-636A-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-636A-7-AVG	7 - 7	1.6 U	3E-09	6E-08	
SB-643C	F-SB-643C-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-643C-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-643C-7	7 - 7	1.6 U	3E-09	6E-08	
SB-652A	F-SB-652A-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-652A-5	5 - 5	1.5 U	3E-09	6E-08	
	F-SB-652A-7	7 - 7	1.6 U	3E-09	6E-08	
SB-056	F-SB-56RE-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-56RE-4	4 - 4	1.5 U	3E-09	6E-08	
	F-SB-56RE-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-56RE-6	6 - 6	1.6 U	3E-09	6E-08	
	F-SB-56RE-7	7 - 7	1.5 U	3E-09	6E-08	
SB-636B	F-SB-636B-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-636B-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-636B-7	7 - 7	1.5 U	3E-09	6E-08	
SB-642A	F-SB-642A-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-642A-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-642A-7	7 - 7	1.5 U	3E-09	6E-08	
SB-642C	F-SB-642C-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-642C-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-642C-7-AVG	7 - 7	1.55 U	3E-09	6E-08	
SB-643	F-SB-643-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-643-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-643-7	7 - 7	1.5 U	3E-09	6E-08	
SB-644	F-SB-644-3-AVG	3 - 3	1.55 U	3E-09	6E-08	
	F-SB-644-5	5 - 5	1.6 U	3E-09	6E-08	
	F-SB-644-7	7 - 7	1.5 U	3E-09	6E-08	
SB-401	SB-401-0203	2 - 3	1.5 U	2E-08	1E-07	
	SB-401-0405	4 - 5	1.6 U	2E-08	2E-07	
SB-402	SB-402-0203	2 - 3	1.5 U	2E-08	2E-07	
	SB-402-0405	4 - 5	1.6 U	2E-08	2E-07	
SB-269RE	F-SB-269RE-3	3 - 3	1.6 U	3E-09	6E-08	
	F-SB-269RE-4	4 - 4	1.5 U	3E-09	6E-08	
SB-383	F-SB-383RE-3	3 - 3	1.6 U	3E-09	6E-08	
	F-SB-383RE-4	4 - 4	1.5 U	3E-09	6E-08	
SB-647A	F-SB-647A-3	3 - 3	1.6 U	3E-09	6E-08	
SB-647B	F-SB-647B-3	3 - 3	1.6 U	3E-09	6E-08	

Table B-2

Residual Risk Analysis Results - Block F - Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
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Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-652B	F-SB-652B-3	3 - 3	1.6 U	3E-09	6E-08	
	F-SB-652B-5	5 - 5	1.4 U	2E-09	5E-08	
	F-SB-652B-7	7 - 7	1.5 U	3E-09	6E-08	
SB-643B	F-SB-643B-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-643B-5	5 - 5	1.5 U	3E-09	6E-08	
	F-SB-643B-7-AVG	7 - 7	1.55 U	3E-09	6E-08	
SB-637B	F-SB-637B-5-AVG	5 - 5	1.55 U	3E-09	6E-08	
SB-645B	F-SB-645B-3-AVG	3 - 3	1.55 U	3E-09	6E-08	
SB-096	F-SB-96RE-7	7 - 7	1.5 U	3E-09	6E-08	
SB-652C	F-SB-652C-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-652C-5	5 - 5	1.5 U	3E-09	6E-08	
	F-SB-652C-7	7 - 7	1.5 U	3E-09	6E-08	
SB-388	SB-388-0203	2 - 3	1.5 U	2E-08	2E-07	
	F-SB-388RE-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-388RE-4	4 - 4	1.5 U	3E-09	6E-08	
	F-SB-388RE-5	5 - 5	1.5 U	3E-09	6E-08	
SB-637C	F-SB-637C-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-637C-5	5 - 5	1.5 U	3E-09	6E-08	
SB-638	F-SB-638-3-AVG	3 - 3	1.5 U	1E-08	1E-07	
	F-SB-638-5	5 - 5	1.5 U	1E-08	1E-07	
SB-640	F-SB-640-3	3 - 3	1.5 U	1E-08	1E-07	
	F-SB-640-5	5 - 5	1.5 U	1E-08	1E-07	
SB-651	F-SB-651-3	3 - 3	1.5 U	1E-08	1E-07	
	F-SB-651-5	5 - 5	1.5 U	1E-08	1E-07	
SB-384	SB-384-0203	2 - 3	1.5 U	2E-08	2E-07	
	SB-384-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-386	SB-386-0203	2 - 3	1.5 U	2E-08	1E-07	
	SB-386-0405	4 - 5	1.5 U	2E-08	1E-07	
SB-387	SB-387-0203	2 - 3	1.4 U	2E-08	1E-07	
	SB-387-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-395	SB-395-0203	2 - 3	1.4 U	2E-08	1E-07	
	SB-395-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-396	SB-396-0203	2 - 3	1.5 U	2E-08	2E-07	
	SB-396-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-400	SB-400-0203	2 - 3	1.4 U	2E-08	1E-07	
	SB-400-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-403	SB-403-0203	2 - 3	1.5 U	2E-08	1E-07	
	SB-403-0405	4 - 5	1.5 U	2E-08	2E-07	
SB-267RE	F-SB-267RE-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-267RE-4	4 - 4	1.5 U	3E-09	6E-08	
SB-270RE	F-SB-270RE-3	3 - 3	1.5 U	3E-09	6E-08	
	F-SB-270RE-4	4 - 4	1.5 U	3E-09	6E-08	
SB-637B	F-SB-637B-3	3 - 3	1.5 U	3E-09	6E-08	
SB-641A	F-SB-641A-3	3 - 3	1.5 U	3E-09	6E-08	
SB-641B	F-SB-641B-3	3 - 3	1.5 U	3E-09	6E-08	
SB-641C	F-SB-641C-3	3 - 3	1.5 U	3E-09	6E-08	
SB-645A	F-SB-645A-3	3 - 3	1.5 U	3E-09	6E-08	
SB-385	SB-385-0203	2 - 3	1.4 U	2E-08	1E-07	
	SB-385-0405	4 - 5	1.4 U	2E-08	1E-07	
SB-024A	F-SB-24ARE-4	4 - 4		0E+00	0E+00	
	F-SB-24ARE-5	5 - 5		0E+00	0E+00	
SB-050	SB-50-05	5 - 5		7E-07	8E-06	
SB-093	SB-93-05	5 - 5		8E-07	1E-05	
SB-095	SB-95-05	5 - 5		8E-07	9E-06	
SB-096	SB-96-05	5 - 5		3E-07	2E-06	
SB-236	SB-236-05	5 - 5		3E-06	3E-05	
SB-237	SB-237-05	5 - 5		1E-06	1E-05	
SB-626	F-SB-626-3	3 - 3		0E+00	0E+00	
	F-SB-626-4	4 - 4		0E+00	0E+00	
	F-SB-626-5	5 - 5		0E+00	0E+00	

Table B-2

**Residual Risk Analysis Results - Block F - Subsurface Soil
Lockheed Martin, Middle River Complex
Middle River, Maryland
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Location ⁽¹⁾	Sample ID	Depth (feet)	BaPEq Concentration ⁽²⁾ (µg/kg)	Total ILCR ⁽³⁾		Comments
				Industrial	Residential	
SB-800	F-SB-800-03	3 - 3		0E+00	0E+00	
	F-SB-800-05-AVG	5 - 5		0E+00	0E+00	
SB-801	F-SB-801-03	3 - 3		0E+00	0E+00	
	F-SB-801-05	5 - 5		0E+00	0E+00	
SB-802	F-SB-802-03	3 - 3		0E+00	0E+00	
	F-SB-802-05	5 - 5		0E+00	0E+00	
SB-024A	F-SB-24ARE-3	3 - 3		0E+00	0E+00	
SB-626C	F-SB-626C-3	3 - 3		0E+00	0E+00	

1 - Sample locations are listed in order from highest to lowest benzo(a)pyrene (BaPEq) concentrations.

2 - One half the non-detected value was used for the calculation of the benzo(a)pyrene equivalents. If all concentrations were non-detect then the detection limit for benzo(a)pyrene was used as the benzo(a)pyrene equivalent concentration. Original and duplicate samples were averaged when calculating the benzo(a)pyrene equivalent concentration.

3 - Total incremental lifetime cancer risk from exposure to all chemicals of potential concern in soil.

BaPEq - benzo(a)pyrene equivalent

ILCR - incremental lifetime cancer risk

µg/kg - microgram per kilogram

mg/kg - milligram per kilogram

NA - not available, sample was not analyzed for polycyclic aromatic hydrocarbons

PRG - preliminary remedial goal

U - not detected

UCL - upper confidence level

Attachment C
Final Cumulative Risk Estimates (Post Residual Risk Analysis)

Attachment C
Final Cumulative Risk Estimates (Post Residual Risk Analysis)

TABLE 3.1.RME
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Block F	Benzo(a)pyrene Equivalents	mg/kg	0.859	2.3 (L)	19	2.3	mg/kg	97.55% KM (Chebyshev) UCL	ProUCL 4.1.01
	Aroclor-1254	mg/kg	0.049	(1)	0.096	1.4	mg/kg	Maximum Detected Concentration	(1)
	Aroclor-1260	mg/kg	0.093	0.16 (L)	1.4	0.160	mg/kg	95% KM (BCA) UCL	ProUCL 4.1.01
	Antimony	mg/kg	1.12	1.38 (NP)	4	1.38	mg/kg	95% KM (BCA) UCL	ProUCL 4.1.01
	Arsenic	mg/kg	2.87	3.7 (G)	12	3.7	mg/kg	95% KM (Percentile Bootstrap) UCL	ProUCL 4.1.01
	Cadmium	mg/kg	1.08	1.21 (L)	4.5	1.21	mg/kg	95% KM (t) UCL	ProUCL 4.1.01
	Cobalt	mg/kg	6.14	6.95 (N)	11.7	6.95	mg/kg	95% Student's-t UCL	ProUCL 4.1.01
	Mercury	mg/kg	0.459	0.87 (G)	2.7	0.87	mg/kg	95% KM (Chebyshev) UCL	ProUCL 4.1.01
	Molybdenum	mg/kg	3.49	(1)	63	63	mg/kg	Maximum Detected Concentration	(1)
	Nickel	mg/kg	10.2	12.4 (N)	27	12.4	mg/kg	95% KM (t) UCL	ProUCL 4.1.01
	Vanadium	mg/kg	31.8	35 (N)	49	35	mg/kg	95% Student's-t UCL	ProUCL 4.1.01
	Hexavalent Chromium	mg/kg	1.33	2.67 (NP)	9.25	2.67	mg/kg	95% Chebyshev (Mean, Sd) UCL	ProUCL 4.1.01

G = Gamma
L = Lognormal
N = Normal
NP = Non-parametric

- 1 - There are less than four detected concentrations. Reliable statistics cannot be computed. The Maximum concentration was used as the EPC.
- 2 - USEPA Guidance recommends using the average concentration for the exposure point concentration for lead.

TABLE 3.2.RME
EXPOSURE POINT CONCENTRATION SUMMARY
REASONABLE MAXIMUM EXPOSURE
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Future
Medium: Surface Soil
Exposure Medium: Subsurface Soil

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Block F	Benzo(a)pyrene Equivalents	mg/kg	0.100	0.26 L	7.6	0.26	mg/kg	95% KM (Chebyshev) UCL	ProUCL 4.1.01
	Naphthalene	mg/kg	7.23	(1)	159	159	mg/kg	Maximum Detected Concentration	(1)
	Aroclor-1260	mg/kg	0.024	0.17 (N)	0.027 J	0.17	mg/kg	95% KM (t) UCL	ProUCL 4.1.01
	Arsenic	mg/kg	2.33	3.1 (N)	7	3.1	mg/kg	95% KM (t) UCL	ProUCL 4.1.01
	Cobalt	mg/kg	11.2	17.5 (G)	32.3	17.5	mg/kg	95% KM (BCA) UCL	ProUCL 4.1.01
	Mercury	mg/kg	0.275	0.41 (G)	1.8 L	0.41	mg/kg	95% KM (t) UCL	ProUCL 4.1.01
	Vanadium	mg/kg	36.1	44 (G)	61.6	44	mg/kg	95% Approximate Gamma UCL	ProUCL 4.1.01
	Hexavalent Chromium	mg/kg	0.891	1.1 (N)	1.935	1.1	mg/kg	95% KM (t) UCL	ProUCL 4.1.01

G = Gamma

N = Normal

NP = Non-parametric

1 - There are less than four detected concentrations. Reliable statistics cannot be computed. The Maximum concentration was used as the EPC.

2 - USEPA Guidance recommends using the average concentration for the exposure point concentration for lead.

TABLE 4.1.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE - INDUSTRIAL WORKERS - SOIL
LOCKHEED MARTIN, MARTIN MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Surface Soil/Subsurface Soil
Exposure Medium: Surface/Subsurface Soil

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Industrial Workers	Adult	Block F	CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002a	Intake (mg/kg/day) = $\frac{CS \times IRS \times CF3 \times FI \times EF \times ED}{BW \times AT}$
				IR-S	Ingestion Rate	50	mg/day	USEPA, 2002b	
				CF3	Conversion Factor 3	0.000001	kg/mg	--	
				FI	Fraction Ingested	1	unitless	USEPA, 2002b	
				EF	Exposure Frequency	250	days/year	USEPA, 2002b	
				ED	Exposure Duration	25	years	USEPA, 2002b	
				BW	Body Weight	70	kg	USEPA, 1989	
				AT-C	Averaging Time (Cancer)	25550	days	USEPA, 1989	
				AT-N	Averaging Time (Non-Cancer)	9125	days	USEPA, 1989	
Dermal	Industrial Workers	Adult	Block F	CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002	Dermally Absorbed Dose (mg/kg/day) = $\frac{CS \times CF3 \times SA \times SSAF \times DABS \times EV \times EF \times ED}{BW \times AT}$
				CF3	Conversion Factor 3	0.000001	kg/mg	--	
				SA	Skin Surface Available for Contact	3300	cm ²	USEPA, 2004	
				SSAF	Soil to Skin Adherence Factor	0.2	mg/cm ² /event	USEPA, 2004	
				DABS	Absorption Factor	Chemical Specific	unitless	USEPA, 2004	
				EV	Events Frequency	1	events/day	USEPA, 2004	
				EF	Exposure Frequency	250	days/year	USEPA, 2002b	
				ED	Exposure Duration	25	years	USEPA, 1989	
				BW	Body Weight	70	kg	USEPA, 1989	
				AT-C	Averaging Time (Cancer)	25550	days	USEPA, 1989	
				AT-N	Averaging Time (Non-Cancer)	9125	days	USEPA, 1989	

Sources:

USEPA, 1989: Risk Assessment Guidance for Superfund. Vol 1: Human Health Evaluation Manual, Part A.
USEPA, 2002a: Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10, December.
USEPA, 2002b: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER 9355.4-24.
USEPA, 2004: Risk Assessment Guidance for Superfund (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. EPA/540/R/99/005.

Unit Intake Calculations

Incidental Ingestion Intake = (IR-S x CF3 x FI x EF x ED)/(BW x AT)

Dermal Intake = (CF3 x SA x SSAF x EF x ED)/(BW x AT)

Cancer Ingestion Intake = 1.75E-07

Cancer Dermal Intake = 2.31E-06

Noncancer Ingestion Intake = 4.89E-07

Noncancer Dermal Intake = 6.46E-06

Cancer risk from ingestion = Soil concentration x Cancer Ingestion Intake x Oral Cancer Slope Factor

Cancer risk from dermal contact = Soil concentration x Cancer Dermal Intake x Absorption Factor x Dermal Cancer Slope Factor

Hazard Index from ingestion = Soil concentration x Noncancer Ingestion Intake / Oral Reference Dose

Hazard Index from dermal contact = Soil concentration x Noncancer Dermal Intake x Absorption Factor / Dermal Reference Dose

TABLE 4.2.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE - INDUSTRIAL WORKERS - SOIL TO AIR
LOCKHEED MARTIN, MARTIN MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current/Future
Medium: Surface/Subsurface Soil
Exposure Medium: Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Industrial Workers	Adult	Block F	CA	Chemical concentration in air	Calculated	mg/m3	USEPA, 2002a	$\text{Exposure Concentration (mg/m}^3\text{)} = \frac{\text{CA} \times \text{ET} \times \text{EF} \times \text{ED}}{\text{AT} \times 24 \text{ hours/day}}$ $\text{CA} = (1/\text{PEF} + 1/\text{VF}) \times \text{Cs}$
				CS	Chemical concentration in soil	Max or 95% UCL	mg/kg	USEPA, 2002b	
				ET	Exposure Time	8	hours/day	(1)	
				EF	Exposure Frequency	250	days/year	USEPA, 2002a	
				ED	Exposure Duration	25	years	USEPA, 2002a	
				AT-C	Averaging Time (Cancer)	25550	days	USEPA, 1989	
				AT-N	Averaging Time (Non-Cancer)	9125	days	USEPA, 1989	
				PEF	Particulate Emission Factor	3.23E+09	m3/kg	USEPA 2013	
				VF	Volatilization Factor	Chemical-specific	m3/kg	USEPA, 2002a	
				Q/C	Inverse of mean concentration at center of source	87.36898	g/m2-s per kg/m3	USEPA 2013	
				Ut	Equivalent threshold of wind velocity at 7m.	11.32	m/sec	USEPA 2013	
				Um	Mean annual wind speed	4.29	m/sec	USEPA 2013	
				V	Fraction of vegetative cover	0.5	unitless	USEPA 2013	
				F(x)	Function dependent of Um/Ut	0.0993	unitless	USEPA 2013	

Notes:

1 - Length of typical work day.

Sources:

USEPA, 1989: Risk Assessment Guidance for Superfund. Vol 1: Human Health Evaluation Manual, Part A. USEPA/540/1-86/060.

USEPA, 2002a: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. OSWER 9355.4-24.

USEPA, 2002b: Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. OSWER 9285.6-10, December.

USEPA, 2013: Soil Screening Guidance calculation Internet site at http://risk.lsd.ornl.gov/calc_start.htm. Site-specific values for Philadelphia, PA.

Unit Intake Calculations

Unit Exposure Concentration = $(\text{ET} \times \text{EF} \times \text{ED}) / (\text{AT} \times 24 \text{ hours/day})$

Cancer Inhalation Intake = 8.15E-02

Noncancer Inhalation Intake = 2.28E-01

Cancer risk from inhalation = Air concentration x Cancer Inhalation Intake x Inhalation Cancer Slope Factor

Hazard Index from inhalation = Air concentration x Noncancer Inhalation Intake / Inhalation Reference Dose

TABLE 5.1
NON-CANCER TOXICITY DATA -- ORAL/DERMAL
BLOCK F
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD		Oral Absorption Efficiency for Dermal ⁽¹⁾	Absorbed RfD for Dermal ⁽²⁾		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfD:Target Organ(s)	
		Value	Units		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Polycyclic Aromatic Hydrocarbons										
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls										
Aroclor-1254	Chronic	2.0E-05	mg/kg/day	1	2.0E-05	mg/kg/day	Autoimmune	300/1	IRIS	6/20/2013
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals										
Antimony	Chronic	4.0E-04	mg/kg/day	0.15	6.0E-05	mg/kg/day	Blood	1000/1	IRIS	6/20/2013
Arsenic	Chronic	3.0E-04	mg/kg/day	1	3.0E-04	mg/kg/day	Skin, CVS	3/1	IRIS	6/20/2013
Cadmium ⁽³⁾	Chronic	1.0E-03	mg/kg/day	0.03	2.5E-05	mg/kg/day	Kidney	10/1	IRIS	6/20/2013
Cobalt	Chronic	3.0E-04	mg/kg/day	1	3.0E-04	mg/kg/day	Blood	NA	PPRTV	8/25/2008
Mercury ⁽⁴⁾	Chronic	3.0E-04	mg/kg/day	0.07	2.1E-05	mg/kg/day	Autoimmune	1000/1	IRIS	6/20/2013
Molybdenum	Chronic	5.0E-03	mg/kg/day	1	5.0E-03	mg/kg/day	Gout	30/1	IRIS	6/20/2013
Nickel	Chronic	2.0E-02	mg/kg/day	0.04	8.0E-04	mg/kg/day	Body Weight	300/1	IRIS	6/20/2013
Vanadium	Chronic	5.0E-03	mg/kg/day	1	5.0E-03	mg/kg/day	Kidney	300	RSL	5/2013
Miscellaneous Parameters										
Hexavalent Chromium	Chronic	3.0E-03	mg/kg/day	0.025	7.5E-05	mg/kg/day	None Reported	300/3	IRIS	6/20/2013

Notes:

- 1 - U.S. EPA, 2004: Risk Assessment Guidance for Superfund (Part E, Supplemental Guidance for Dermal Risk Assessment) Interim. EPA/540/R/99/005.
- 2 - Adjusted dermal RfD = Oral RfD x Oral Absorption Efficiency for Dermal.
- 3 - Values are for cadmium - diet.
- 4 - Values are for mercuric chloride.

Definitions:

ATSDR = Agency for Toxic Substances and Disease Registry
 CVS = Cardiovascular system.
 IRIS = Integrated Risk Information System.
 NA = Not available.
 RSL = USEPA Regional Screening Levels for Chemical Contaminants
 at Superfund Sites, May 2013.
 PPRTV = Provisional Peer Reviewed Toxicity Value.

TABLE 5.2
NON-CANCER TOXICITY DATA -- INHALATION
BLOCK F
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfC		Extrapolated RfD ⁽¹⁾		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfC : Target Organ(s)	
		Value	Units	Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Polycyclic Aromatic Hydrocarbons									
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals									
Antimony	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	Chronic	1.5E-05	mg/m3	4.3E-06	(mg/kg/day)	NA	NA	Cal EPA	11/2010
Cadmium	Chronic	1.0E-05	mg/m3	2.9E-06	(mg/kg/day)	Kidney	NA	ATSDR	9/2008
Cobalt	Chronic	6.0E-06	mg/m ³	1.7E-06	(mg/kg/day)	Lungs	NA	PPRTV	8/25/2008
Mercury ⁽²⁾	Chronic	3.0E-05	mg/m ³	8.6E-06	(mg/kg/day)	Autoimmune	NA	Cal EPA	11/2010
Molybdenum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	Chronic	9.0E-05	mg/m ³	2.6E-05	(mg/kg/day)	Body Weight	NA	ASTDR	9/2005
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters									
Hexavalent Chromium	Chronic	1.0E-04	mg/m ³	2.9E-05	(mg/kg/day)	Lungs	300/1	IRIS	6/20/2013

Notes:

1 - Extrapolated RfD = RfC *20m³/day / 70 kg

2 - Value is for mercuric chloride.

Definitions:

ATSDR = Agency for Toxic Substances and Disease Registry.

Cal EPA = California Environmental Protection Agency.

IRIS = Integrated Risk Information System.

NA = Not available.

TABLE 6.1
CANCER TOXICITY DATA -- ORAL/DERMAL
BLOCK F
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Oral Cancer Slope Factor		Oral Absorption Efficiency for Dermal ⁽¹⁾	Absorbed Cancer Slope Factor for Dermal ⁽²⁾		Weight of Evidence/ Cancer Guideline Description	Oral CSF	
	Value	Units		Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Polycyclic Aromatic Hydrocarbons								
Benzo(a)pyrene ⁽³⁾	7.3E+00	(mg/kg/day) ⁻¹	1	7.3E+00	(mg/kg/day) ⁻¹	B2 / Probable human carcinogen	IRIS	6/20/2013
Polychlorinated Biphenyls								
Aroclor-1254	2.0E+00	(mg/kg/day) ⁻¹	1	2.0E+00	(mg/kg/day) ⁻¹	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor-1260	2.0E+00	(mg/kg/day) ⁻¹	1	2.0E+00	(mg/kg/day) ⁻¹	B2 / Probable human carcinogen	USEPA(1)	9/1996
Metals								
Antimony	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	1.5E+00	(mg/kg/day) ⁻¹	1	1.5E+00	(mg/kg/day) ⁻¹	A / Known human carcinogen	IRIS	6/20/2013
Cadmium	NA	NA	NA	NA	NA	B1 / Probable human carcinogen	IRIS	6/20/2013
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	C / Possible human carcinogen	IRIS	6/20/2013
Molybdenum	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters								
Hexavalent Chromium ⁽³⁾	5.0E-01	(mg/kg/day) ⁻¹	0.025	2.0E+01	(mg/kg/day) ⁻¹	A / Known human carcinogen	NJ	4/8/2009

Notes:

1 - USEPA, 2004: Risk Assessment Guidance for Superfund (Part E, Supplemental Guidance for Dermal Risk Assessment) Interim. EPA/540/R/99/005.

2 - Adjusted cancer slope factor for dermal = Oral cancer slope factor / Oral Absorption Efficiency for Dermal.

3 - Several PAHs and hexavalent chromium are considered to act via the mutagenic mode of action. These chemicals are evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

Cal EPA = California Environmental Protection Agency.

IRIS = Integrated Risk Information System.

NA = Not available.

NJ = New Jersey.

PPRTV = Provisional Peer Reviewed Toxicity Value.

USEPA(1) = USEPA, PCBs: Cancer Dose-Response Assessment and Applications to Environmental Mixtures, September 1996, EPA/600/P-96/001F.

TABLE 6.2
CANCER TOXICITY DATA -- INHALATION
BLOCK F
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

Chemical of Potential Concern	Unit Risk		Inhalation Cancer Slope Factor ⁽¹⁾		Weight of Evidence/ Cancer Guideline Description	Unit Risk : Inhalation CSF	
	Value	Units	Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Polycyclic Aromatic Hydrocarbons							
Benzo(a)pyrene ⁽²⁾	1.1E-03	(ug/m ³) ⁻¹	3.9E+00	(mg/kg/day) ⁻¹	NA	Cal EPA	11/2010
Polychlorinated Biphenyls							
Aroclor-1254	5.7E-04	(ug/m ³) ⁻¹	2.0E+00	(mg/kg/day) ⁻¹	B2 / Probable human carcinogen	USEPA(1)	9/1996
Aroclor-1260	5.7E-04	(ug/m ³) ⁻¹	2.0E+00	(mg/kg/day) ⁻¹	B2 / Probable human carcinogen	USEPA(1)	9/1996
Metals							
Antimony	NA	NA	NA	NA	NA	NA	NA
Arsenic	4.3E-03	(ug/m ³) ⁻¹	1.5E+01	(mg/kg/day) ⁻¹	A / Known human carcinogen	IRIS	6/20/2013
Cadmium	1.8E-03	(ug/m ³) ⁻¹	6.3E+00	(mg/kg/day) ⁻¹	B1 / Probable human carcinogen	IRIS	6/20/2013
Cobalt	9.0E-03	(ug/m ³) ⁻¹	3.2E+01	(mg/kg/day) ⁻¹	NA	PPRTV	8/25/2008
Mercury	NA	NA	NA	NA	C / Possible human carcinogen	IRIS	6/20/2013
Molybdenum	NA	NA	NA	NA	NA	NA	NA
Nickel	2.6E-04	(ug/m ³) ⁻¹	9.1E-01	(mg/kg/day) ⁻¹	NA	Cal EPA	11/2010
Vanadium	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons							
Diesel Range Organics	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Hexavalent Chromium ⁽²⁾	8.4E-02	(ug/m ³) ⁻¹	2.9E+02	(mg/kg/day) ⁻¹	A / Known human carcinogen	IRIS	6/20/2013

Notes:

1 - Inhalation CSF = Unit Risk * 70 kg / 20m³/day.

2 - Several PAHs and hexavalent chromium are considered to act via the mutagenic mode of action. These chemicals are evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

Definitions:

Cal EPA = California Environmental Protection Agency.

IRIS = Integrated Risk Information System.

NA = Not available.

PPRTV = Provisional Peer Reviewed Toxicity Value.

USEPA(1) = USEPA, PCBs: Cancer Dose-Response Assessment and Applications to Environmental Mixtures, September 1996, EPA/600/P-96/001F.

Scenario Timeframe: Current
Receptor Population: Industrial Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations							
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RID/RIC		Hazard Quotient			
							Value	Units	Value	Units		Value	Units	Value	Units				
Surface Soil	Surface Soil	Block F	Ingestion	Benzo(a)pyrene Equivalents	2.30	mg/kg	4.0E-07	(mg/kg/day)	7.3E+00	(mg/kg/day) ⁻¹	2.9E-06	1.1E-06	(mg/kg/day)	NA	(mg/kg/day)	--			
				Aroclor-1254	1.40	mg/kg	2.4E-07	(mg/kg/day)	2.0E+00	(mg/kg/day) ⁻¹	4.9E-07	6.8E-07	(mg/kg/day)	2.0E-05	(mg/kg/day)	0.03			
				Aroclor-1260	0.160	mg/kg	2.8E-08	(mg/kg/day)	2.0E+00	(mg/kg/day) ⁻¹	5.6E-08	7.8E-08	(mg/kg/day)	NA	(mg/kg/day)	--			
				Antimony	1.38	mg/kg	2.4E-07	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	6.8E-07	(mg/kg/day)	4.0E-04	(mg/kg/day)	0.002			
				Arsenic	3.70	mg/kg	6.5E-07	(mg/kg/day)	1.5E+00	(mg/kg/day) ⁻¹	9.7E-07	1.8E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.006			
				Cadmium	1.21	mg/kg	2.1E-07	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	5.9E-07	(mg/kg/day)	1.0E-03	(mg/kg/day)	0.0006			
				Cobalt	6.95	mg/kg	1.2E-06	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	3.4E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.01			
				Mercury	0.870	mg/kg	1.5E-07	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	4.3E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.001			
				Molybdenum	63.0	mg/kg	1.1E-05	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	3.1E-05	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.006			
				Nickel	12.4	mg/kg	2.2E-06	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	6.1E-06	(mg/kg/day)	2.0E-02	(mg/kg/day)	0.0003			
				Vanadium	35.0	mg/kg	6.1E-06	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	1.7E-05	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.003			
				Hexavalent Chromium	2.67	mg/kg	4.7E-07	(mg/kg/day)	5.0E-01	(mg/kg/day) ⁻¹	2.3E-07	1.3E-06	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0004			
				Exp. Route Total							4.7E-06					0.07			
				Dermal	Benzo(a)pyrene Equivalents	2.30	mg/kg	6.9E-07	(mg/kg/day)	7.3E+00	(mg/kg/day) ⁻¹	5.0E-06	1.9E-06	(mg/kg/day)	NA	(mg/kg/day)	--		
			Aroclor-1254		1.40	mg/kg	4.5E-07	(mg/kg/day)	2.0E+00	(mg/kg/day) ⁻¹	9.0E-07	1.3E-06	(mg/kg/day)	2.0E-05	(mg/kg/day)	0.06			
			Aroclor-1260		0.160	mg/kg	5.2E-08	(mg/kg/day)	2.0E+00	(mg/kg/day) ⁻¹	1.0E-07	1.4E-07	(mg/kg/day)	NA	(mg/kg/day)	--			
			Antimony		1.38	mg/kg	3.2E-08	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	8.9E-08	(mg/kg/day)	6.0E-05	(mg/kg/day)	0.001			
			Arsenic		3.70	mg/kg	2.6E-07	(mg/kg/day)	1.5E+00	(mg/kg/day) ⁻¹	3.8E-07	7.2E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002			
			Cadmium		1.21	mg/kg	2.8E-09	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	7.8E-09	(mg/kg/day)	2.5E-05	(mg/kg/day)	0.0003			
			Cobalt		6.95	mg/kg	1.6E-07	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	4.5E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.001			
			Mercury		0.870	mg/kg	2.0E-08	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	5.6E-08	(mg/kg/day)	2.1E-05	(mg/kg/day)	0.003			
			Molybdenum		63.0	mg/kg	1.5E-06	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	4.1E-06	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.0008			
			Nickel		12.4	mg/kg	2.9E-07	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	8.0E-07	(mg/kg/day)	8.0E-04	(mg/kg/day)	0.001			
			Vanadium		35.0	mg/kg	8.1E-07	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	2.3E-06	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.0005			
			Hexavalent Chromium		2.67	mg/kg	6.2E-08	(mg/kg/day)	2.0E+01	(mg/kg/day) ⁻¹	1.2E-06	1.7E-07	(mg/kg/day)	7.5E-05	(mg/kg/day)	0.002			
			Exp. Route Total								7.7E-06					0.08			
			Exposure Point Total								1.2E-05					0.1			
			Exposure Medium Total							1.2E-05					0.1				
			Air	Air	Block F	Inhalation	Benzo(a)pyrene Equivalents	7.0E-10	mg/m ³	5.7E-11	(mg/m ³)	1.1E-03	(ug/m ³) ⁻¹	6.3E-11	1.6E-10	(mg/m ³)	NA	(mg/m ³)	--
							Aroclor-1254	4.3E-10	mg/m ³	3.5E-11	(mg/m ³)	5.7E-04	(mg/m ³)	2.0E-11	9.7E-11	(mg/m ³)	NA	(mg/m ³)	--
		Aroclor-1260					4.9E-11	mg/m ³	4.0E-12	(mg/m ³)	5.7E-04	(ug/m ³) ⁻¹	2.3E-12	1.1E-11	(mg/m ³)	NA	(mg/m ³)	--	
		Antimony					4.2E-10	mg/m ³	3.4E-11	(mg/m ³)	NA	(ug/m ³) ⁻¹	--	9.6E-11	(mg/m ³)	NA	(mg/m ³)	--	
		Arsenic					1.1E-9	mg/m ³	9.2E-11	(mg/m ³)	4.3E-03	(ug/m ³) ⁻¹	3.9E-10	2.6E-10	(mg/m ³)	1.5E-05	(mg/m ³)	0.00002	
		Cadmium					3.7E-10	mg/m ³	3.0E-11	(mg/m ³)	1.8E-03	(ug/m ³) ⁻¹	5.4E-11	8.4E-11	(mg/m ³)	2.0E-05	(mg/m ³)	0.000004	
		Cobalt					2.1E-9	mg/m ³	1.7E-10	(mg/m ³)	9.0E-03	(ug/m ³) ⁻¹	1.6E-09	4.8E-10	(mg/m ³)	6.0E-06	(mg/m ³)	0.00008	
		Mercury					2.6E-10	mg/m ³	2.2E-11	(mg/m ³)	NA	(ug/m ³) ⁻¹	--	6.0E-11	(mg/m ³)	3.0E-04	(mg/m ³)	2.0E-7	
Molybdenum	1.9E-8	mg/m ³					1.6E-09	(mg/m ³)	NA	(ug/m ³) ⁻¹	--	4.4E-09	(mg/m ³)	NA	(mg/m ³)	--			
Nickel	3.8E-9	mg/m ³					3.1E-10	(mg/m ³)	2.6E-04	(ug/m ³) ⁻¹	8.0E-11	8.6E-10	(mg/m ³)	9.0E-05	(mg/m ³)	0.000010			
Vanadium	1.1E-8	mg/m ³					8.7E-10	(mg/m ³)	NA	(ug/m ³) ⁻¹	--	2.4E-09	(mg/m ³)	NA	(mg/m ³)	--			
Hexavalent Chromium	8.1E-10	mg/m ³					6.6E-11	(mg/m ³)	8.4E-02	(ug/m ³) ⁻¹	5.6E-09	1.9E-10	(mg/m ³)	1.0E-04	(mg/m ³)	0.000002			
Exp. Route Total											7.7E-09					0.0001			
Exposure Point Total											7.7E-09					0.0001			
Exposure Medium Total											7.7E-09					0.0001			
Medium Total											1.2E-05					0.1			

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND
PAGE 2 OF 2

Scenario Timeframe: Current
Receptor Population: Industrial Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations						Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient	
							Value	Units	Value	Units		Value	Units	Value	Units		
Subsurface Soil	Subsurface Soil	Block F	Ingestion	Benzo(a)pyrene Equivalents	0.260	mg/kg	4.5E-08	(mg/kg/day)	7.3E+00	(mg/kg/day) ⁻¹	3.3E-07	1.3E-07	(mg/kg/day)	NA	(mg/kg/day)	--	
				Naphthalene	159	mg/kg	2.8E-05	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	7.8E-05	(mg/kg/day)	2.0E-02	(mg/kg/day)	0.004	
				Aroclor-1260	0.170	mg/kg	3.0E-08	(mg/kg/day)	2.0E+00	(mg/kg/day) ⁻¹	5.9E-08	8.3E-08	(mg/kg/day)	NA	(mg/kg/day)	--	
				Arsenic	3.10	mg/kg	5.4E-07	(mg/kg/day)	1.5E+00	(mg/kg/day) ⁻¹	8.1E-07	1.5E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.005	
				Cobalt	17.5	mg/kg	3.1E-06	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	8.6E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.03	
				Mercury	0.410	mg/kg	7.2E-08	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	2.0E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.0007	
				Vanadium	44.0	mg/kg	7.7E-06	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	2.2E-05	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.004	
				Hexavalent Chromium	1.10	mg/kg	1.9E-07	(mg/kg/day)	5.0E-01	(mg/kg/day) ⁻¹	9.6E-08	5.4E-07	(mg/kg/day)	3.0E-03	(mg/kg/day)	0.0002	
			Exp. Route Total							1.3E-06					0.04		
			Dermal	Benzo(a)pyrene Equivalents	0.260	mg/kg	7.8E-08	(mg/kg/day)	7.3E+00	(mg/kg/day) ⁻¹	5.7E-07	2.2E-07	(mg/kg/day)	NA	(mg/kg/day)	--	
				Naphthalene	159	mg/kg	4.8E-05	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	1.3E-04	(mg/kg/day)	2.0E-02	(mg/kg/day)	0.007	
				Aroclor-1260	0.170	mg/kg	5.5E-08	(mg/kg/day)	2.0E+00	(mg/kg/day) ⁻¹	1.1E-07	1.5E-07	(mg/kg/day)	NA	(mg/kg/day)	--	
				Arsenic	3.10	mg/kg	2.1E-07	(mg/kg/day)	1.5E+00	(mg/kg/day) ⁻¹	3.2E-07	6.0E-07	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.002	
				Cobalt	17.5	mg/kg	4.0E-07	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	1.1E-06	(mg/kg/day)	3.0E-04	(mg/kg/day)	0.004	
				Mercury	0.410	mg/kg	9.5E-09	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	2.6E-08	(mg/kg/day)	2.1E-05	(mg/kg/day)	0.001	
				Vanadium	44.0	mg/kg	1.0E-06	(mg/kg/day)	NA	(mg/kg/day) ⁻¹	--	2.8E-06	(mg/kg/day)	5.0E-03	(mg/kg/day)	0.0006	
				Hexavalent Chromium	1.10	mg/kg	2.5E-08	(mg/kg/day)	2.0E+01	(mg/kg/day) ⁻¹	5.1E-07	7.1E-08	(mg/kg/day)	7.5E-05	(mg/kg/day)	0.0009	
			Exp. Route Total							1.5E-06					0.02		
		Exposure Point Total								2.8E-06					0.06		
		Exposure Medium Total								2.8E-06					0.06		
		Air	Block F	Inhalation	Benzo(a)pyrene Equivalents	7.9E-11	mg/m ³	6.4E-12	(mg/m ³)	1.1E-03	(ug/m ³) ⁻¹	7.1E-12	1.8E-11	(mg/m ³)	NA	(mg/m ³)	--
					Naphthalene	0.003	mg/m ³	2.4E-04	(mg/m ³)	3.4E-05	(ug/m ³) ⁻¹	8.2E-06	6.7E-04	(mg/m ³)	3.0E-03	(mg/m ³)	0.2
					Aroclor-1260	5.2E-11	mg/m ³	4.2E-12	(mg/m ³)	5.7E-04	(ug/m ³) ⁻¹	2.4E-12	1.2E-11	(mg/m ³)	NA	(mg/m ³)	--
					Arsenic	9.4E-10	mg/m ³	7.7E-11	(mg/m ³)	4.3E-03	(ug/m ³) ⁻¹	3.3E-10	2.2E-10	(mg/m ³)	1.5E-05	(mg/m ³)	0.00001
					Cobalt	5.3E-9	mg/m ³	4.3E-10	(mg/m ³)	9.0E-03	(ug/m ³) ⁻¹	3.9E-09	1.2E-09	(mg/m ³)	6.0E-06	(mg/m ³)	0.0002
					Mercury	1.2E-10	mg/m ³	1.0E-11	(mg/m ³)	NA	(ug/m ³) ⁻¹	--	2.8E-11	(mg/m ³)	3.0E-04	(mg/m ³)	9.5E-8
					Vanadium	1.3E-8	mg/m ³	1.1E-09	(mg/m ³)	NA	(ug/m ³) ⁻¹	--	3.1E-09	(mg/m ³)	NA	(mg/m ³)	--
Hexavalent Chromium	3.3E-10				mg/m ³	2.7E-11	(mg/m ³)	8.4E-02	(ug/m ³) ⁻¹	2.3E-09	7.6E-11	(mg/m ³)	1.0E-04	(mg/m ³)	7.6E-7		
Exp. Route Total									8.2E-06					0.2			
Exposure Point Total										8.2E-06					0.2		
Exposure Medium Total								8.2E-06					0.2				
Medium Total								1.1E-05					0.3				

Notes:

1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

TABLE 9.1.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURES
LOCKHEED MARTIN, MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

Scenario Timeframe: Current
Receptor Population: Industrial Workers
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Block F	Benzo(a)pyrene Equivalents	3E-06	--	5E-06	--	8E-06	NA	--	--	--	--
			Aroclor-1254	5E-07	--	9E-07	--	1E-06	Immune	0.03	--	0.06	0.10
			Aroclor-1260	6E-08	--	1E-07	--	2E-07	NA	--	--	--	--
			Antimony	--	--	--	--	--	Blood	0.002	--	0.001	0.003
			Arsenic	1E-06	--	4E-07	--	1E-06	Skin, CVS	0.006	--	0.002	0.008
			Cadmium	--	--	--	--	--	Kidney	0.0006	--	0.0003	0.0009
			Cobalt	--	--	--	--	--	Thyroid	0.01	--	0.001	0.01
			Mercury	--	--	--	--	--	CNS	0.001	--	0.003	0.004
			Molybdenum	--	--	--	--	--	Gout	0.006	--	0.0008	0.007
			Nickel	--	--	--	--	--	Body Weight	0.0003	--	0.001	0.001
			Vanadium	--	--	--	--	--	Kidney	0.003	--	0.0005	0.004
			Hexavalent Chromium	2E-07	--	1E-06	--	1E-06	None Specified	0.0004	--	0.002	0.003
			Chemical Total	5E-06	--	8E-06	--	1E-05		0.07	--	0.08	0.1
		Exposure Point Total						1E-05					0.1
	Exposure Medium Total							1E-05					0.1
Air	Air	Block F	Benzo(a)pyrene Equivalents	--	6E-11	--	--	6E-11	NA	--	--	--	--
			Aroclor-1254	--	2E-11	--	--	2E-11	NA	--	--	--	--
			Aroclor-1260	--	2E-12	--	--	2E-12	NA	--	--	--	--
			Antimony	--	--	--	--	--	NA	--	--	--	--
			Arsenic	--	4E-10	--	--	4E-10	NA	--	0.00002	--	0.00002
			Cadmium	--	5E-11	--	--	5E-11	Kidney, Respiratory	--	0.000004	--	0.000004
			Cobalt	--	2E-09	--	--	2E-09	Respiratory	--	0.00008	--	0.00008
			Mercury	--	--	--	--	--	CNS	--	0.0000002	--	0.0000002
			Molybdenum	--	--	--	--	--	NA	--	--	--	--
			Nickel	--	8E-11	--	--	8E-11	Respiratory	--	0.000010	--	0.000010
			Vanadium	--	--	--	--	--	NA	--	--	--	--
			Hexavalent Chromium	--	6E-09	--	--	6E-09	Respiratory	--	0.000002	--	0.000002
			Chemical Total	--	8E-09	--	--	8E-09		--	0.0001	--	0.0001
		Exposure Point Total						8E-09					0.0001
	Exposure Medium Total							8E-09					0.0001
Medium Total								1E-05					0.1
Subsurface Soil	Subsurface Soil	Block F	Benzo(a)pyrene Equivalents	3E-07	--	6E-07	--	9E-07	NA	--	--	--	--
			Naphthalene	--	--	--	--	--	Body Weight	0.004	--	0.007	0.01
			Aroclor-1260	6E-08	--	1E-07	--	2E-07	NA	--	--	--	--
			Arsenic	8E-07	--	3E-07	--	1E-06	Skin, CVS	0.005	--	0.002	0.007
			Cobalt	--	--	--	--	--	Thyroid	0.03	--	0.004	0.03
			Mercury	--	--	--	--	--	CNS	0.0007	--	0.001	0.002
			Vanadium	--	--	--	--	--	Kidney	0.004	--	0.0006	0.005
			Hexavalent Chromium	1E-07	--	5E-07	--	6E-07	None Specified	0.0002	--	0.0009	0.001
			Chemical Total	1E-06	--	2E-06	--	3E-06		0.04	--	0.02	0.06
		Exposure Point Total						3E-06					0.06
	Exposure Medium Total							3E-06					0.06
Air	Air	Block F	Benzo(a)pyrene Equivalents	--	7E-12	--	--	7E-12	NA	--	--	--	--
			Naphthalene	--	8E-06	--	--	8E-06	Respiratory	--	0.2	--	0.2
			Aroclor-1260	--	2E-12	--	--	2E-12	NA	--	--	--	--
			Arsenic	--	3E-10	--	--	3E-10	NA	--	0.00001	--	0.00001
			Cobalt	--	4E-09	--	--	4E-09	Respiratory	--	0.0002	--	0.0002
			Mercury	--	--	--	--	--	CNS	--	9E-8	--	9E-8
			Vanadium	--	--	--	--	--	NA	--	--	--	--
			Hexavalent Chromium	--	2E-09	--	--	2E-09	Respiratory	--	0.0000008	--	0.0000008
			Chemical Total	--	8E-06	--	--	8E-06		--	0.2	--	0.2
		Exposure Point Total						8E-06					0.2
	Exposure Medium Total							8E-06					0.2
Medium Total								1E-05					0.3

Notes:

1 - Mutagenic chemicals were evaluated in accordance with USEPA's Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens (2005).

APPENDIX E—BaPEq CALCULATION

Appendix E
Calculation of Benzo(a)Pyrene Equivalent Concentrations
Block F Remedial Action Plan
Lockheed Martin Middle River Complex
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Polycyclic aromatic hydrocarbons (PAHs) are typically found in the environment as mixtures. These PAHs include benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene. The individual PAH vary widely in terms of carcinogenic potency, but have a common toxicity mechanism. Using a toxicity equivalency approach, the total PAH concentrations for a group or subset of similar PAHs can be expressed in terms of their toxicity relative to benzo(a)pyrene, with concentrations expressed as *benzo(a)pyrene equivalents (BaPEq)*.

For sites contaminated with PAHs, using a standard subset of seven PAHs, the BaPEq is calculated as the sum of each individual PAH concentration times its toxicity equivalency factor (TEF). These TEFs for the seven standard PAHs are presented in Table E-1. For example, the TEF for benzo(a)anthracene is 0.1; this means that benzo(a)pyrene is ten times more toxic than benzo(a)anthracene. If the benzo(a)anthracene concentration in a soil sample is 10 micrograms per kilogram ($\mu\text{g/kg}$), this is equivalent to 1 $\mu\text{g/kg}$ of benzo(a)pyrene [$10 \mu\text{g/kg}$ (benzo(a)anthracene) \times 0.1 (TEF) = 1 $\mu\text{g/kg}$ (BaPEq)].

Table E-1	
Toxicity Equivalency Factors (TEF) for Polycyclic Aromatic Hydrocarbons (PAHs)	
PAH	TEF
Benzo(a)pyrene	1.0
Benzo(a)anthracene	0.1
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.01
Chrysene	0.001
Dibenz(a,h)anthracene	1.0
Indeno(1,2,3-c,d)pyrene	0.1

The application of benzo(a)pyrene TEFs to PAH concentrations and the subsequent calculation of BaPEq can provide a more accurate evaluation of environmental risk exposure to PAHs.

- A conservative approach to calculating BaPEq for environmental samples is performed using the product of the respective TEF's for each of the seven PAHs and a representative concentration using *both* positive results and ½ of the reported detection limit for non-detected values. This approach, given its conservative means of incorporating toxicity of all seven PAHs even if some are present below laboratory detection limits, has been used in the Block F risk-assessment estimations and related calculations of risk-based remedial goals. The

Appendix E
Calculation of Benzo(a)Pyrene Equivalent Concentrations
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resulting BaPEq values estimated using this method are referred to as “BaPEq-Half ND” when used in risk calculations or reported in data tables and figures.

- Alternatively, sample calculations for BaPEq may be performed using only positive results as the product of the reported analyte concentrations and the respective TEF's for each of the seven reported PAHs. Non detected results within a given sample are entirely ignored and only positively reported concentrations are considered for use in summation when this latter calculation method is employed. This calculated value, referred to as “BaPEq-POS”, has typically been used in reporting data from Block F for the purposes of presenting and screening data.

The reported concentration of the benzo(a)pyrene detection limit is used as the default representative value of the BaPEq in cases where *all* of the seven PAHs are reported as non-detected results.

Currently, there are only seven PAHs which are included in the calculation of the BaPEq. It is expected the United States Environmental Protection Agency will be adding additional PAHs to the calculation process likely beginning sometime in 2013.

APPENDIX F—BLOCK F DEPTH-TO-WATER CONTOURS

APPENDIX F

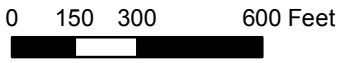
GROUNDWATER DEPTH CONTOUR MAP
MIDDLE RIVER COMPLEX

LEGEND

- GROUNDWATER DEPTH CONTOUR - FEET BELOW GRADE; CONTOURS ARE FOR 1, 2, 5, 10 AND 14 FEET BELOW GRADE
- MIDDLE RIVER COMPLEX TAX BLOCK BOUNDARY
- STRUCTURE
- RAILROAD TRACKS

Depths are based on average depths for two rounds of water levels obtained from monitoring wells in 2011. Actual depths may vary based on site specific conditions, recent precipitation, or drought conditions. Groundwater may be shallower if perched water is present and is not monitored by nearby well screens. First encountered groundwater may be deeper in areas where a confining clay layer is present.

Lockheed Martin, Middle River Complex
Middle River, Maryland



DATE MODIFIED: 3/13/12

CREATED BY: MP



APPENDIX G—SITEWISE™ INFORMATION

APPENDIX G
Environmental Footprint Evaluation
Remedial Action Plan
Block F
Middle River Complex
Middle River, Maryland
August 2013

OBJECTIVE

This Environmental Footprint Evaluation of remedial alternatives is provided as an Appendix to the Remedial Action Plan (RAP) for Block F, located at Middle River Complex in Middle River, MD. The purpose of the footprint evaluation is to assess the environmental impacts of the four remedial alternatives using the metrics of greenhouse gas (GHG) and criteria pollutant emissions, energy use, water consumption, and worker safety. The results of this footprint evaluation are intended to provide additional information for consideration during remedy selection, design, and to enhance the understanding of the environmental impacts throughout the remedy life-cycle for each of the proposed alternatives.

POLICY BACKGROUND

The environmental footprint evaluation was performed in accordance with Lockheed Martin's Remedy Selection Process Manual.

Applying optimization concepts with an environmental footprint evaluation within the remedy selection and design phases allows for the following benefits:

- Determining factors in each remedial alternative with the greatest environmental impacts and gathering insight into how to reduce these impacts;
- Evaluating remedial alternatives with optimized or reduced environmental footprints in conjunction with other selection criteria;
- Designing and implementing a more robust remedy while balancing the impact to the environment; and
- Ensuring efficient, cost-effective and sustainable site closeout.

EVALUATION TOOLS

This evaluation was performed using a hybrid model of the Navy's SiteWise™ tool supplemented with GSRx, Tetra Tech developed model as appropriate for a more detailed input site-specific items.

SiteWise™ is a life-cycle footprint assessment tool developed jointly by the U.S. Navy, U.S. Army Corps of Engineers (USACE), and Battelle. SiteWise™ assesses the environmental footprint of a remedial alternative/technology using a consistent set of metrics. The assessment is conducted using a building block approach, where each remedial alternative is first broken down into modules that follow the phases for most remedial actions, including remedial investigation (RI), remedial action construction (RA-C), remedial action operation (RA-O), and long-term monitoring (LTM). Once broken down by remedial phase, the footprint of each phase is calculated. The phase-specific footprints are then combined to estimate the overall footprint of the remedial alternative. This building block approach reduces redundancy in the footprint assessment and facilitates the identification of specific impact drivers that contribute to the environmental footprint. The inputs that need to be considered include (1) production of material required by the activity; (2) transportation of the required materials to the site, transportation of personnel; (3) all site activities to be performed; and (4) management of the waste produced by the activity.

GSRx builds off of SiteWise™ and allows for a flexible, detailed analysis, particularly for materials and equipment use. GSRx was used to account for materials and activities not readily input into SiteWise™ and where equipment usage assumptions built into SiteWise™ were not consistent with site-specific requirements.

ENVIRONMENTAL FOOTPRINT EVALUATION FRAMEWORK AND LIMITATIONS

The environmental footprint evaluation performed for Block F at the Middle River Complex RAP considered life-cycle quantitative metrics for global warming potential (through greenhouse gas emissions), criteria air pollutant emissions (through nitrogen oxides [NO_x], sulfur oxides [SO_x] and particulate matter [PM₁₀] emissions), energy consumption, water usage, and worker safety.

Life cycle inventory inputs in SiteWise™ were divided into four categories – 1) materials production; 2) transportation of personnel, materials and equipment; 3) equipment use and miscellaneous; and 4) residual handling and disposal. Cost estimates from the RAP and design calculations were used as a basis for inventory quantities and other input model assumptions. Emission factors, energy consumption, and water usage data were correlated to material quantities, equipment use, transportation distances, and installation time frames in order to calculate life-cycle emissions, energy consumption, water usage, and worker safety. Default SiteWise™ emission, energy usage, water consumption, and worker fatality and accident risk factors were utilized.

Although GSRx was used to minimize limitations resulting within SiteWise™, elimination of all limitations was not possible while using a hybrid model of SiteWise™ and GSRx. For example, several materials and construction equipment inventoried were input into GSRx and these impacts were incorporated into SiteWise™ within the “Equipment Use and Miscellaneous” sector. This sector in SiteWise™ does not

differentiate into the specific equipment usage or material consumption items that are input in GSRx, but rather are considered miscellaneous items. However, impact drivers for items input in GSRx can be identified and evaluated directly within the respective GSRx evaluation and output summary sheets. In addition, worker safety results in general do not include worker safety related to equipment usage that was input within GSRx because GSRx was not developed to evaluate worker safety.

EVALUATION RESULTS:

The following are the alternatives that were analyzed with SiteWise™ and GSRx for the Block F RAP:

- Alternative 1: No Action
- Alternative 2: Institutional Controls
- Alternative 3: Excavation and off-site disposal of impacted soils to a depth of two feet, removal of underground storage tanks (USTs), and institutional controls
- Alternative 4: Limited excavation and soil cover over impacted areas, UST removal, and institutional controls
- Alternative 5: Enhanced bioremediation of impacted surface soils, UST removal, and institutional controls
- Alternative 6: In situ stabilization of impacted soils to the groundwater table, UST removal, and institutional controls

The following sections summarize the relative environmental impacts and primary impact drivers for the four alternatives and their respective metrics. In addition, the attachment includes the inventory and output sheets that were used for the SiteWise™/GSRx hybrid model. An evaluation of SiteWise™ and GSRx output summary sheets and related figures included in the footprint evaluation attachments (Appendix G-2 and G-3), provides detailed information on the contribution to each metric from each phase of the remedial process (RI, RAC, RAO, and LTM) and for each respective input category (materials production, transportation, equipment usage, etc). Further data review and evaluation of related inventory sheets provide information on the specific contribution to a metric from each item of material, transportation, equipment, etc. The environmental impacts of the alternatives analyzed are summarized quantitatively in Table 1.

Greenhouse Gas Emissions

Emissions of CO₂, CH₄, and N₂O were normalized to CO₂ equivalents (CO₂e), which is a cumulative method of weighing GHG emissions relative to global warming potential. Figure 1 shows the overall GHG emissions of each of the alternatives analyzed; the x-axis represents the four alternatives evaluated and the y-axis represents the GHG emissions in metric ton of CO₂e.

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 3 is 82.85 metric ton of CO₂e. The activities that have the highest contribution to GHG emissions during Alternative 3 are:

- Production of borrow soil emits 32.34 metric ton of CO₂e (39 percent of total amount of GHG emissions), the amount of borrow soil used during this alternative is 1,034 CY
- Transportation and disposal of non-hazardous waste: releases 29.85 metric ton of CO₂e (36 percent of total amount of GHG emissions) due to the 1,368 ton of non-hazardous waste transported 130 miles away from the site, and 253 ton of water (from dewatering activities) transported 15 miles
- Laboratory analytical services emits 8.85 metric ton of CO₂e (11 percent of total amount of GHG emissions) due to the 75 samples that were obtained during the Alternative lifetime

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 4 is 26.13 metric ton of CO₂e. The activities that have the highest contribution to GHG emissions during Alternative 4 are:

- Production of borrow soil emits 15.22 metric ton of CO₂e (58 percent of total amount of GHG emissions), the amount of borrow soil used during this alternative is 487 CY
- Laboratory analytical services emits 6.25 metric ton of CO₂e (24 percent of total amount of GHG emissions) due to the 53 samples that were obtained during the Alternative lifetime
- Transportation of materials releases 2.87 metric ton of CO₂e (11 percent of total amount of GHG emissions)

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 5 is 26.88 metric ton of CO₂e. The activities that have the highest contribution to GHG emissions during Alternative 5 are:

- Production of ZVI, to be used as a part of the mix of the surrogate amendment during treatment, releases 12.47 metric ton of CO₂e (34 percent of total amount of GHG emissions)
- Laboratory analytical services releases 8.96 metric ton of CO₂e (25 percent of total amount of GHG emissions) due to 76 samples being analyzed
- Use of the agricultural tractor emits 5.08 metric ton of CO₂e (14 percent of total amount of GHG emissions), is used for the tilling and mixing of the amendments with the soil to be treated

The total amount of GHG emissions released to the atmosphere resulting from the activities during Alternative 6 is 172.28 metric ton of CO₂e. The activities that have the highest contribution to GHG emissions during Alternative 6 are:

- Production of cement, used as a soil stabilizing chemical during treatment, releases 146.80 metric ton of CO₂e (85 percent of total amount of GHG emissions)
- Laboratory analytical services releases 8.26 metric ton of CO₂e (approximately five percent of total amount of GHG emissions) due to 70 samples being analyzed
- Production of lime, used as a soil stabilizing chemical during treatment, emits 6.12 metric ton of CO₂e (approximately four percent of total amount of GHG emissions)

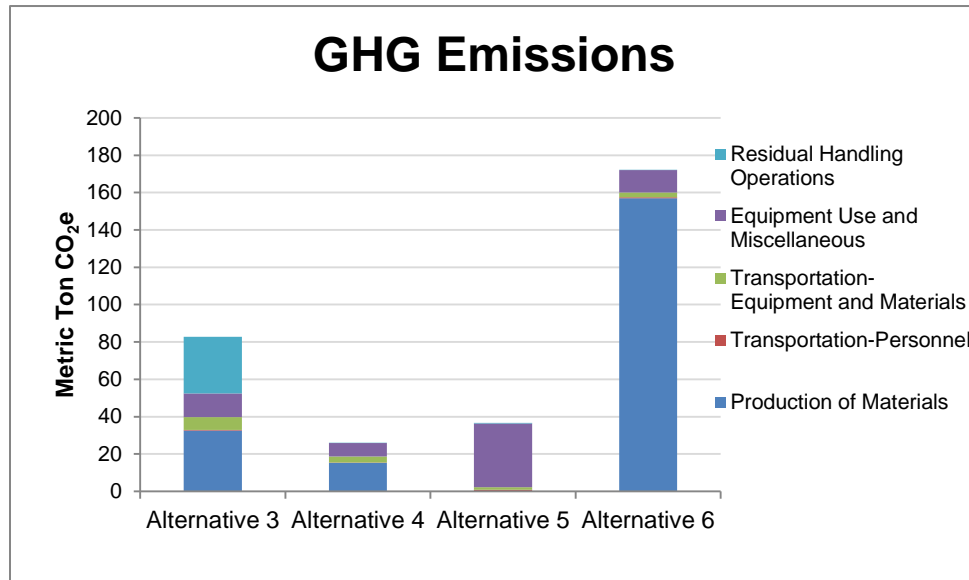


Figure 1: GHG Emissions for Alternatives at Block F, Middle River Complex

Figure 2 shows the breakdown of the percent that each of main activities of each alternative (x-axis) contributes to the GHG emissions (y-axis).

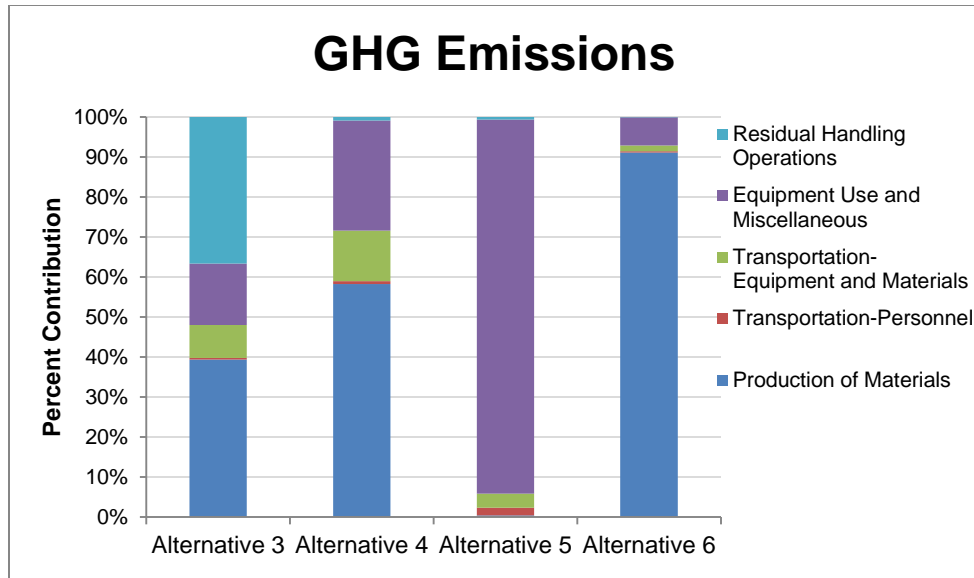


Figure 2: GHG Emissions percentage breakdown for Alternatives at Block F, Middle River Complex

Criteria Pollutant Emissions

NO_x

Figure 3 shows the breakdown of the NO_x emissions for the four alternatives evaluated. The x-axis of this figure represents the eight alternatives evaluated; the y-axis represents the NO_x emissions in metric ton.

The total amount of NO_x released to the atmosphere resulting from the activities during Alternative 3 is 1.46×10^{-1} metric ton of NO_x. The activities that have the highest contribution to NO_x emissions during Alternative 3 are:

- Transportation and disposal of non-hazardous waste: 9.14×10^{-2} metric ton of NO_x (62 percent of total amount of NO_x emissions) due to 1,368 ton of non-hazardous waste transported 130 miles away from the site, and 253 tons of water (from dewatering activities) transported 15 miles
- Laboratory analytical services releases 3.06×10^{-2} metric ton of NO_x (21 percent of total amount of NO_x emissions) due to the number of samples analyzed through the lifetime of the project (75 samples)
- Use of excavation (for removal and placement of soil) releases 1.71×10^{-2} metric ton of NO_x (12 percent of total amount of NO_x emissions) due to 28 hours of being in operation

The total amount of NO_x released to the atmosphere resulting from the activities during Alternative 4 is 2.89x10⁻² metric ton of NO_x. The activities that have the highest contribution to NO_x emissions during Alternative 4 are:

- Laboratory analytical services emits 2.16x10⁻³ metric ton of NO_x (75 percent of total amount of NO_x emissions) due to the 53 samples analyzed
- Use of excavator (2 CY) releases 5.49x10⁻³ metric ton of NO_x (19 percent of total amount of NO_x emissions) due to nine hours being in operation
- Transportation of materials releases 9.03x10⁻⁴ metric ton of NO_x (approximately three percent of total amount of NO_x emissions)

The total amount of NO_x released to the atmosphere resulting from the activities during Alternative 5 is 8.69x10⁻² metric ton of NO_x. The activities that have the highest contribution to NO_x emissions during Alternative 5 are:

- Use of agricultural tractor releases 4.25x10⁻² metric ton of NO_x (49 percent of total amount of NO_x emissions) due to 64 hours that the tractor was in operation
- Laboratory analytical services emits 3.10x10⁻² metric ton of NO_x (36 percent of total amount of NO_x emissions) due to the 76 samples analyzed through the lifetime of the project
- Production of ZVI, to be used as a part of the mix of the surrogate amendment during treatment, releases 9.59x10⁻³ metric ton of NO_x (11 percent of total amount of NO_x emissions)

The total amount of NO_x released to the atmosphere resulting from the activities during Alternative 6 is 3.53x10⁻² metric ton of NO_x. The activities that have the highest contribution to NO_x emissions during Alternative 6 are:

- Laboratory analytical services emits 2.86x10⁻² metric ton of NO_x (81 percent of total amount of NO_x emissions) due to the 70 samples analyzed through the lifetime of the project
- Use of agricultural tractor releases 2.50x10⁻³ metric ton of NO_x (approximately seven percent of total amount of NO_x emissions) for being in operation for four hours
- Use of excavator (2 CY) releases 2.44x10⁻³ metric ton of NO_x (approximately seven percent of total amount of NO_x emissions) due to four hours of being in operation

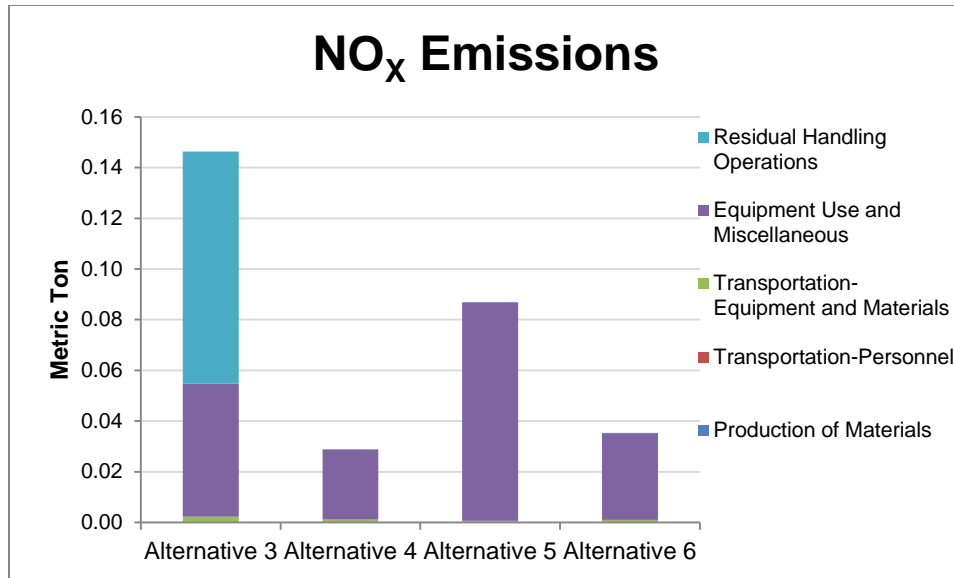


Figure 3 NO_x Emissions for Proposed Alternatives at Block F, Middle River Complex

Figure 4 shows the percentage contribution from each of the main activity sectors.

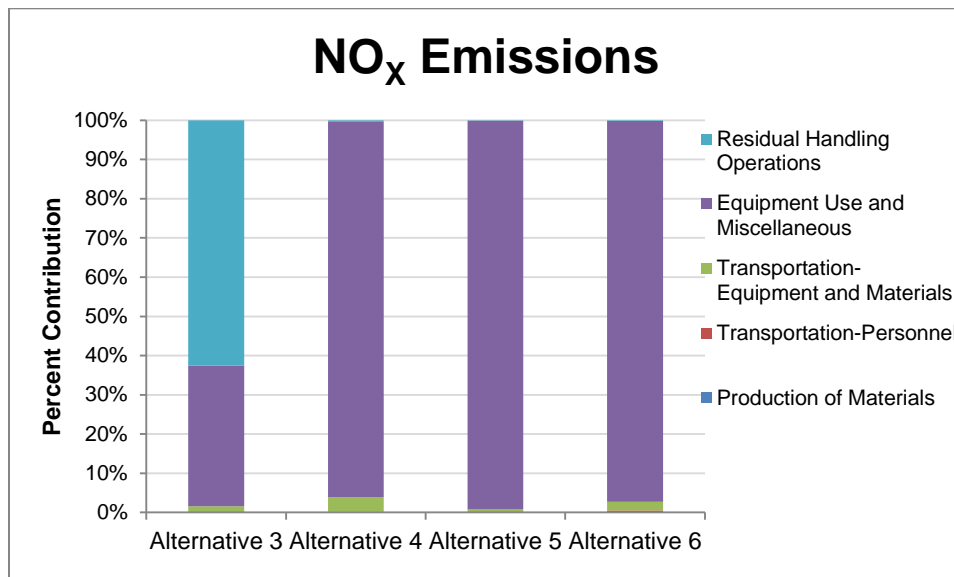


Figure 4: NO_x Emissions percentage breakdown for Alternatives at Block F, Middle River Complex

SO_x

Figure 5 contains the distribution of the SO_x emissions resulting from the activities related to all proposed Alternatives. The x-axis of this graph represents the four Alternatives evaluated; the y-axis represents the SO_x emissions in metric ton.

The total amount of SO_x released to the atmosphere resulting from the activities during Alternative 3 is 7.28×10^{-2} metric ton of SO_x. The activities that have the highest contribution to SO_x emissions during Alternative 3 are:

- Transportation and disposal of non-hazardous waste releases 4.66×10^{-2} metric ton of SO_x (64 percent of total amount of SO_x emissions) due to 1,368 ton of non-hazardous waste transported 130 miles away from the site, and 253 tons of water (from dewatering activities) transported 15 miles
- Laboratory analytical services release 2.04×10^{-2} metric ton of SO_x (28 percent of total amount of SO_x emissions) due to the number of samples analyzed through the lifetime of the project (75 samples)
- Use of excavator (2 CY) releases 5.03×10^{-2} metric ton of SO_x (approximately seven percent of total amount of SO_x emissions) due to 28 hours of being in operation

The total amount of SO_x released to the atmosphere resulting from the activities during Alternative 4 is 1.62×10^{-2} metric ton of SO_x. The activities that have the highest contribution to SO_x emissions during Alternative 4 are:

- Laboratory analytical services release 1.44×10^{-3} metric ton of SO_x (89 percent of total amount of SO_x emissions) due to the 53 samples analyzed
- Use of excavator (2 CY) releases 1.62×10^{-3} metric ton of SO_x (10 percent of total amount of SO_x emissions) due to nine hours of being in operation
- Use of crane (30 hp) emits 1.09×10^{-4} metric ton of SO_x (approximately one percent of total amount of SO_x emissions) due to its operation during 7 hours

The total amount of SO_x released to the atmosphere resulting from the activities during Alternative 5 is 3.21×10^{-2} metric ton of SO_x. The activities that have the highest contribution to SO_x emissions during Alternative 5 are:

- Laboratory analytical services releases 2.07×10^{-2} metric ton of SO_x (64 percent of total amount of SO_x emissions) due to the 76 samples analyzed

- Production of ZVI, to be used as a part of the mix of the surrogate amendment during treatment, releases 6.86×10^{-3} metric ton of SO_x (21 percent of total amount of SO_x emissions)
- Production of vegetable oil, to be used as a part of the mix of the surrogate amendment during treatment, releases 3.27×10^{-3} metric ton of SO_x (10 percent of total amount of SO_x emissions)

The total amount of SO_x released to the atmosphere resulting from the activities during Alternative 6 is 2.53×10^{-2} metric ton of SO_x . The activities that have the highest contribution to SO_x emissions during Alternative 6 are:

- Laboratory analytical services releases 1.91×10^{-2} metric ton of SO_x (75 percent of total amount of SO_x emissions) due to the 70 samples analyzed
- Production of lime, a chemical used for soil stabilization used during the treatment, emits 4.37×10^{-3} metric ton of SO_x (17 percent of total amount of SO_x emissions)
- Use of crane (500 hp) releases 7.19×10^{-4} metric ton of SO_x (approximately three percent of total amount of SO_x emissions) which is used for 32 hours for mixing the soil with the stabilizing chemicals

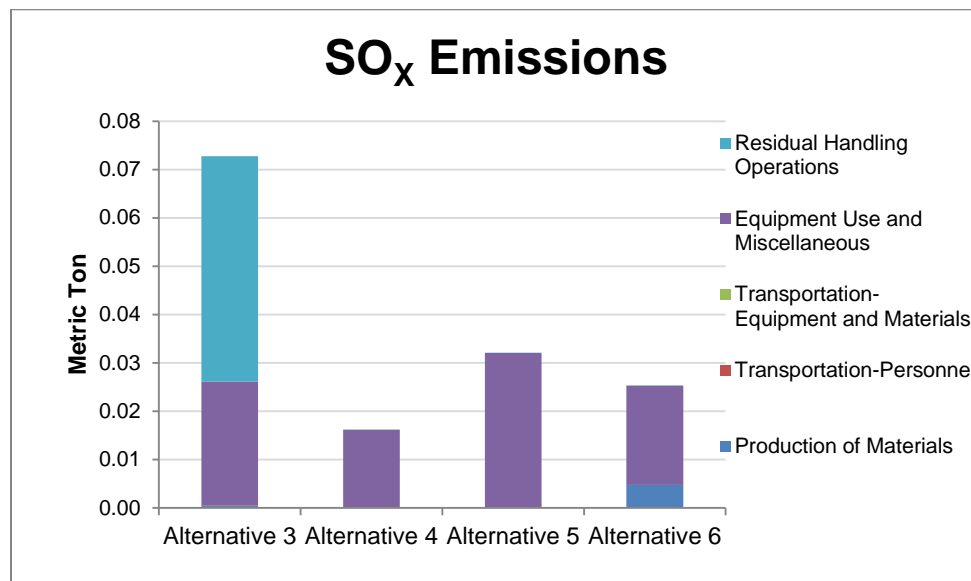


Figure 5: SO_x Emissions for Alternatives at Block F, Middle River Complex

Figure 6 shows the percentage breakdown of the activities contributing to SO_x emissions.

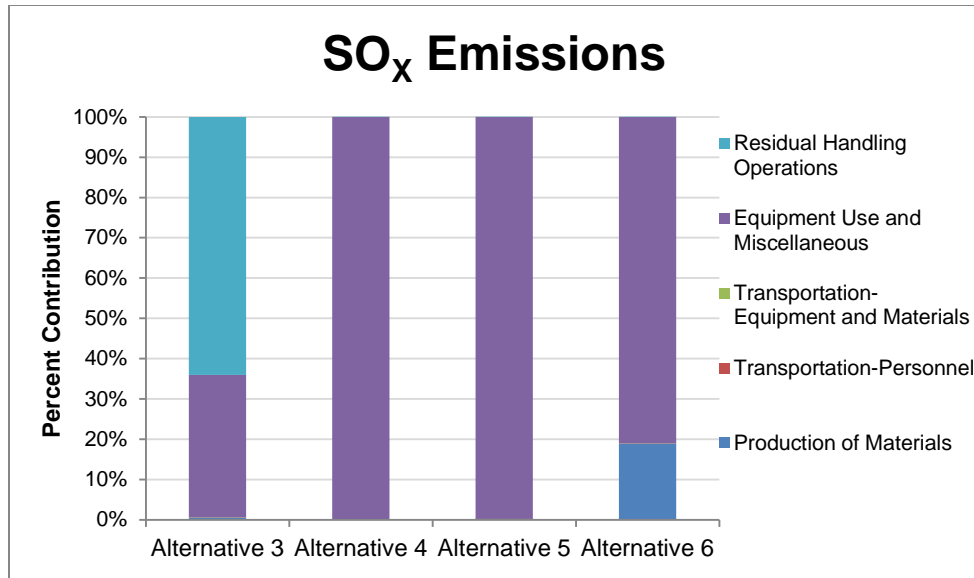


Figure 6: SO_x Emissions percentage breakdown for Alternatives at Block F, Middle River Complex

PM₁₀

The breakdown of the distribution of the PM₁₀ emissions resulting from the activities involved in the Alternatives is shown in Figure 7. The x-axis of this figure represents the four Alternatives evaluated, while the y-axis represents the PM₁₀ emissions in metric ton.

The total amount of PM₁₀ released to the atmosphere resulting from the activities during Alternative 3 is 2.52×10^{-1} metric ton of PM₁₀. The activities that have the highest contribution to PM₁₀ emissions during Alternative 3 are:

- Transportation and disposal of non-hazardous waste releases 2.49×10^{-1} metric ton of PM₁₀ (99 percent of total amount of PM₁₀ emissions) due to 1,368 ton of non-hazardous waste transported 130 miles away from the site, and 253 tons of water (from dewatering activities) transported 15 miles
- Use of excavator (2 CY) releases 1.62×10^{-3} metric ton of PM₁₀ (approximately one percent of total amount of PM₁₀ emissions) due to 28 hours of being in operation
- Laboratory analytical services releases 7.76×10^{-4} metric ton of PM₁₀ (less than one percent of total amount of PM₁₀ emissions) due to the 75 samples analyzed

The total amount of PM₁₀ released to the atmosphere resulting from the activities during Alternative 4 is 1.45×10^{-3} metric ton of PM₁₀. The activities that have the highest contribution to PM₁₀ emissions during Alternative 4 are:

- Laboratory analytical services releases 5.48×10^{-4} metric ton of PM_{10} (38 percent of total amount of PM_{10} emissions) due to the 53 samples analyzed
- Use of excavator (2 CY) releases 5.22×10^{-4} metric ton of PM_{10} (36 percent of total amount of PM_{10} emissions) due to nine hours of being in operation
- Use of crane (30 hp) releases 2.66×10^{-4} metric ton of PM_{10} (18 percent of total amount of PM_{10} emissions) due to seven hours of being in operation

The total amount of PM_{10} released to the atmosphere resulting from the activities during Alternative 5 is 4.63×10^{-3} metric ton of PM_{10} . The activities that have the highest contribution to PM_{10} emissions during Alternative 5 are:

- Use of agricultural tractor releases 3.21×10^{-3} metric ton of PM_{10} (769 percent of total amount of PM_{10} emissions) due to 68 hours of being in operation
- Laboratory analytical services emits 7.86×10^{-4} metric ton of PM_{10} (17 percent of total amount of PM_{10} emissions) due to 76 being analyzed during the lifetime of the project
- Use of crane (30 hp) releases 2.66×10^{-4} metric ton of PM_{10} (approximately six percent of total amount of PM_{10} emissions) due to seven hours of being in operation

The total amount of PM_{10} released to the atmosphere resulting from the activities during Alternative 6 is 5.78×10^{-3} metric ton of PM_{10} . The activities that have the highest contribution to PM_{10} emissions during Alternative 6 are:

- Production of lime, used as a stabilizing chemical during treatment, releases 3.01×10^{-3} metric ton of PM_{10} (52 percent of total amount of PM_{10} emissions)
- Use of crane (500 hp) emits 1.21×10^{-3} metric ton of PM_{10} (21 percent of total amount of PM_{10} emissions) due to being in operation for 32 hours and is used for mixing the stabilizing chemicals in the soil
- Laboratory analytical services emits 7.24×10^{-4} metric ton of PM_{10} (13 percent of total amount of PM_{10} emissions) due to 70 being analyzed during the lifetime of the project

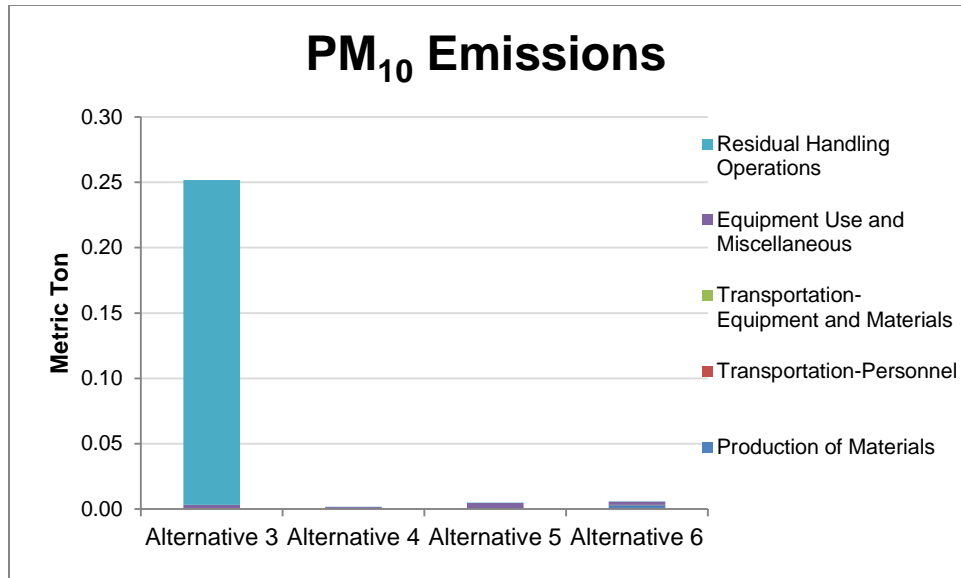


Figure 7: PM₁₀ Emissions for Alternatives at Block F, Middle River Complex

Figure 8 shows the percentage of PM₁₀ emissions contributed by each of the activity sectors per alternative.

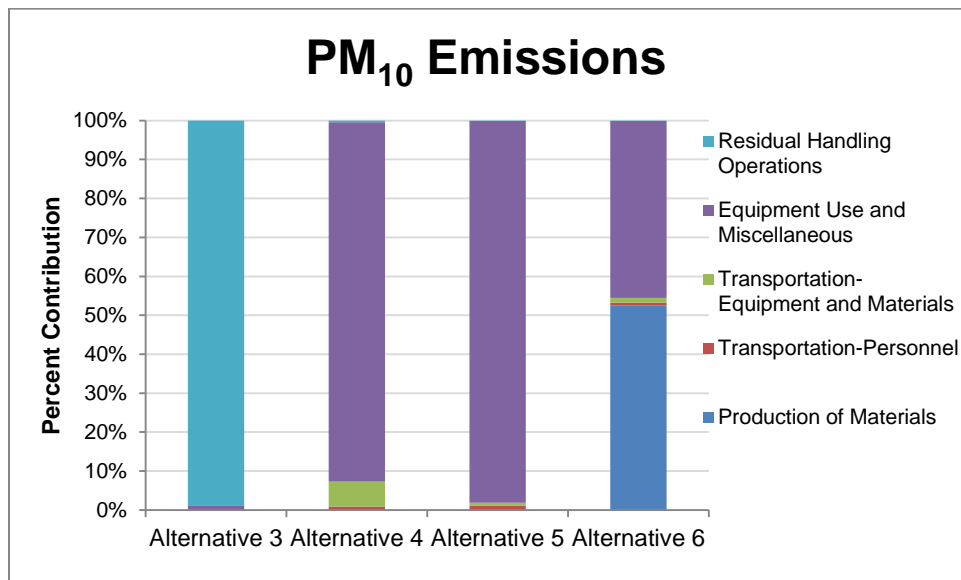


Figure 8: PM₁₀ Emissions percentage breakdown for Alternatives at Block F, Middle River Complex

Energy Consumption

The energy consumption for each of the alternatives evaluated is shown in Figure 9. The x-axis shows the four alternatives evaluated, and the y-axis shows the amount of energy consumed in units of million British Thermal Units (MMBTU).

The total amount of energy used resulting from the activities during Alternative 3 is 3,747.10 MMBTU. The activities that have the highest energy consumption during Alternative 3 are:

- Production of borrow soil consumes 2,916.04 MMBTU (78 percent of total energy consumed), the amount of borrow soil used for this Alternative is 1,034 CY
- Transportation and disposal of non-hazardous waste consumes 514.87 MMBTU (14 percent of total energy consumed) due to 1,368 ton of non-hazardous waste transported 130 miles away from the site, and 253 ton of water (from dewatering activities) transported 15 miles
- Laboratory analytical services consumes 132.00 MMBTU (approximately four percent of total energy consumed) due to 75 samples being analyzed

The total amount of energy used resulting from the activities during Alternative 4 is 1,541.89 MMBTU. The activities that have the highest energy consumption during Alternative 4 are:

- Production of borrow soil consumes 1,537.73 MMBTU (89 percent of total energy consumed), the amount of borrow soil used for this Alternative is 486 CY
- Laboratory analytical services consumes 93.28 MMBTU (approximately six percent of total energy consumed) due to 53 samples being analyzed
- Transportation of materials consumes 37.52 MMBTU (approximately two percent of total energy consumed)

The total amount of energy used resulting from the activities during Alternative 5 is 1,409.17 MMBTU. The activities that have the highest energy consumption during Alternative 5 are:

- Production of ZVI, to be used as a part of the mix of the surrogate amendment during treatment, consumes 416.12 MMBTU (30 percent of total energy consumed)
- Production of vegetable oil, to be used as a part of the mix of the surrogate amendment during treatment, consumes 390.83 MMBTU (28 percent of total energy consumed)
- Production of borrow soil consumes 342.82 MMBTU (24 percent of total energy consumed), the amount of borrow soil used during this Alternative is 122 CY

The total amount of energy used resulting from the activities during Alternative 6 is 4,596.71 MMBTU. The activities that have the highest energy consumption during Alternative 6 are:

- Production of cement, used as a stabilizing chemical during treatment, consumes 3,749.49 MMBTU (82 percent of total energy consumed)
- Production of borrow soil consumes 342.82 MMBTU (approximately seven percent of total energy consumed), the amount of borrow soil used during this Alternative is 122 CY
- Production of lime, used as a stabilizing chemical during treatment, consumes 184.05 MMBTU (approximately four percent of total energy consumed)

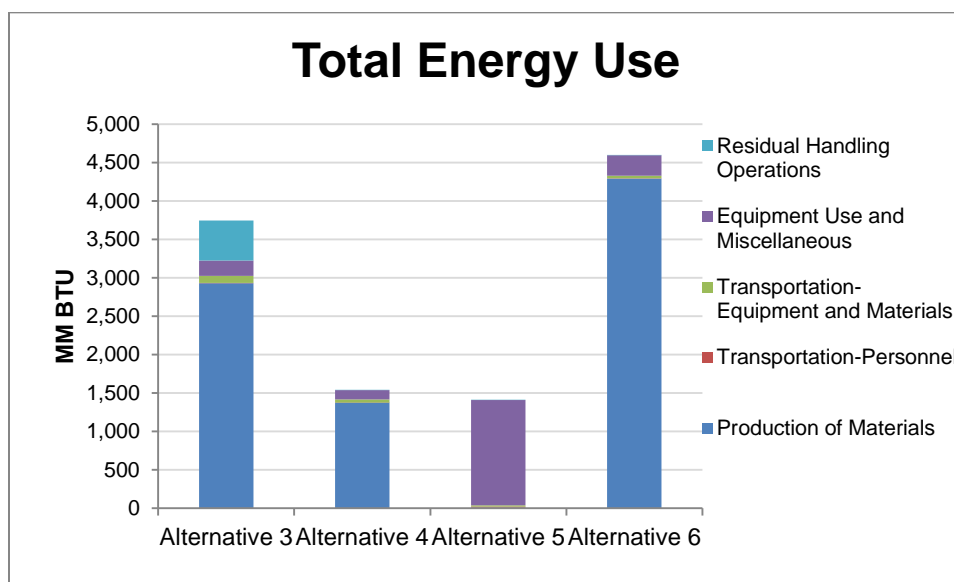


Figure 9: Energy Consumption for Alternatives at Block F, Middle River Complex

Figure 10 shows the percentage breakdown contribution of energy consumption from the different activity groups.

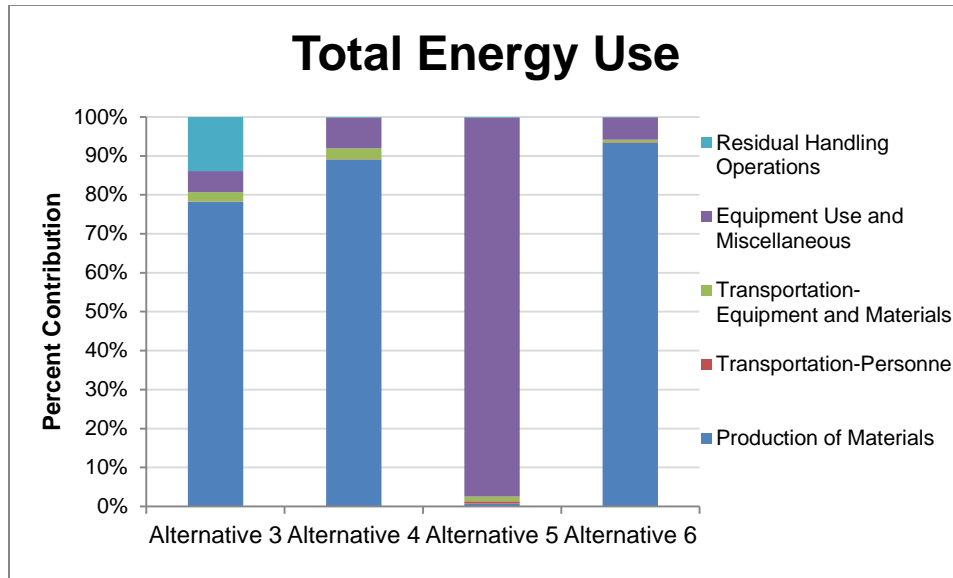


Figure 10: Energy Consumption percentage breakdown for Alternatives at Block F, Middle River Complex

Water Usage

The water consumption of the evaluated alternatives is shown in Figure 11. The x-axis shows the four evaluated alternatives, and the y-axis show the amount of water consumed in thousands of gallons.

The total amount of water use resulting from the activities during Alternative 3 is 3.6 thousand gallons of water. The activities that have the highest water consumption during Alternative 3 are:

- Cleaning USTs consumes 3.5 thousand gallons of water (98 percent of total water consumption)
- Production of fertilizer consumes 59.27 gallons of water (approximately two percent of total water consumption)

The total amount of water resulting from the activities during Alternative 4 is 3.5 thousand gallons of water. The activity that has the highest water consumption during Alternative 4 is:

- Cleaning USTs consumes 3.5 thousand gallons of water (100 percent of total water consumption)

The total amount of water resulting from the activities during Alternative 5 is 39.2 thousand gallons of water. The activities that have the highest water consumption during Alternative 5 are:

- Water required for bioremediation is 17.7 thousand gallons of water (45 percent of the total water consumption)

- Production of vegetable oil, to be used as a part of the mix of the surrogate amendment during treatment, consumes 10 thousand gallons of water (25 percent of total water consumption)
- Production of ZVI, to be used as a part of the mix of the surrogate amendment during treatment, consumes 8 thousand gallons of water (20 percent of total water consumption)

The total amount of water use resulting from the activities during Alternative 6 is 8.4 thousand gallons of water. The activities that have the highest water consumption during Alternative 6 are:

- Mixing water requirements account for 4.8 thousand gallons of water (58 percent of the total water consumption)
- Cleaning USTs consumes 3.5 thousand gallons of water (42 percent of total water consumption)
- Production of fertilizer consumes 59.27 gallons of water (approximately one percent of total water consumption)

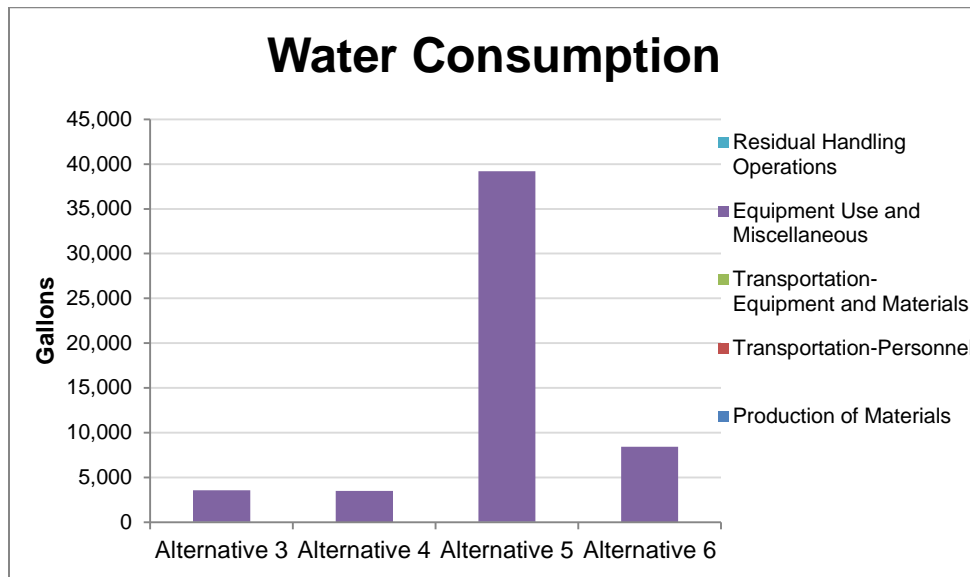


Figure 11: Water Consumption for Alternatives at Block F, Middle River Complex

Figure 12 has a representation of the percentage breakdown of the contribution of the different sectors of the water use through the lifetime of the alternatives.

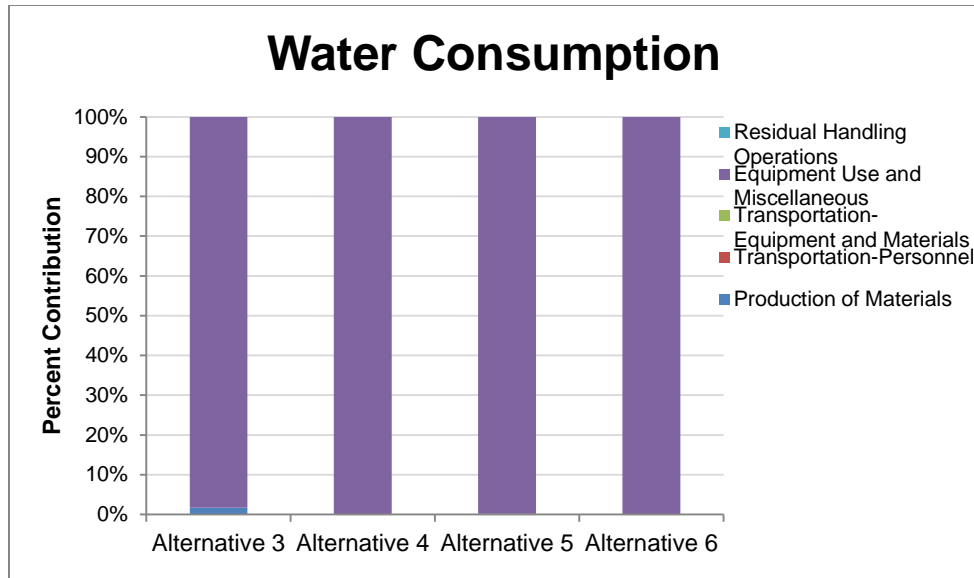


Figure 12: Water Consumption percentage breakdown for Alternatives at Block F, Middle River Complex

Accident Risk

Accident Risk Fatality

Figure 13 shows the risk of fatality between the evaluated alternatives. The x-axis represents the four alternatives evaluated, and the y-axis represents the risk of fatality.

For Alternative 3, the activity with the highest risk of fatality is the residual handling operations, followed by transportation of equipment and materials.

For Alternative 4, the activity with the highest risk of fatality is the transportation of equipment and materials, followed by transportation of personnel.

For Alternative 5, the activity with the highest risk of fatality is transportation of personnel, followed by the equipment use.

For Alternative 6, the activity with the highest risk of fatality is the transportation of personnel, followed by transportation of equipment and materials.

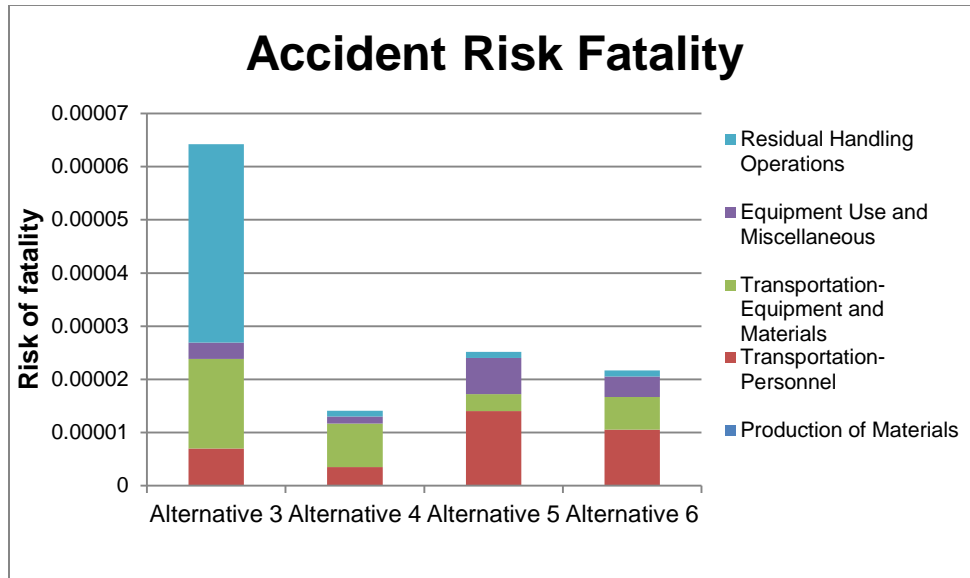


Figure 13 Risk of Fatality for Alternatives at Block F, Middle River Complex

Accident Risk Injury

Figure 14 shows the risk of injury between the evaluated alternatives. The x-axis represents the four alternatives evaluated, and the y-axis represents the risk of injury.

For Alternative 3, the activity with the highest risk of injury is the residual handling operations, followed by the transportation of equipment and materials.

For Alternative 4, the activity with the highest risk of injury is the transportation of equipment and materials, followed by the equipment use.

For Alternative 5, the activity with the highest risk of injury is the equipment use, followed by the transportation of personnel.

For Alternative 6, the activity with the highest risk of injury is the equipment use, followed by transportation of personnel.

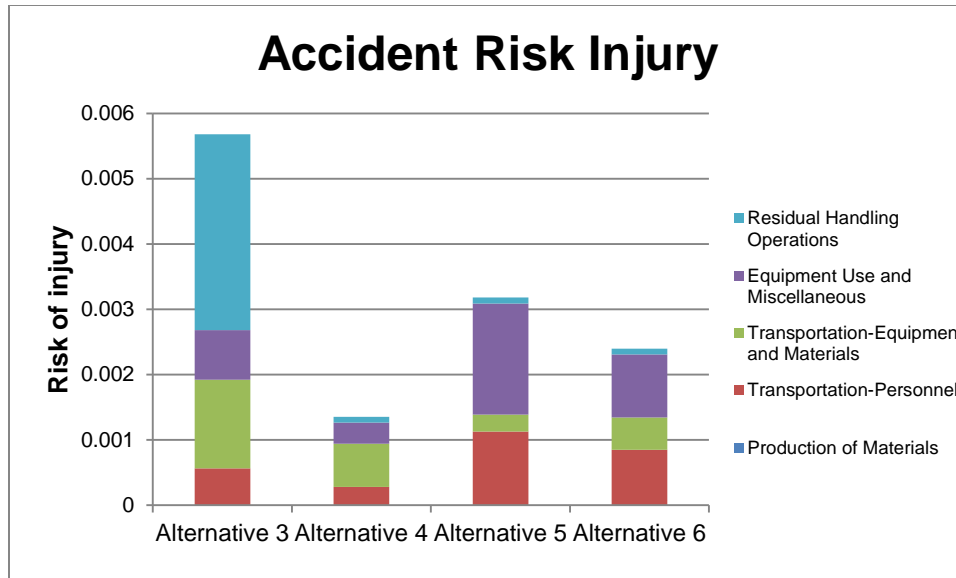


Figure 14 Risk of Injury for Alternatives at Block F, Middle River Complex

CONCLUSIONS AND RECOMMENDATIONS

During selection and design of the remedy, a sensitivity analysis considering elements of the remedy that have the greatest impact on remedy effectiveness, life-cycle cost, and environmental footprint metrics may provide additional insight into appropriate remedy optimization. To aid in the sensitivity analysis, an impact analysis summary was created to qualitatively highlight the relative impact of respective metrics for the two alternatives and to identify the primary drivers of emissions, energy consumption, and water usage for each alternative (see Table 2).

Figures 2, 4, 6, 8, 10 and 12 show the percentage breakdown of each of the sectors that take place during the remedial alternatives. In these graphs, it is easy to identify the sector whose contribution is largest from all other sectors to that impact category. An advantage to identifying where the large contributions are, the optimization process for lowering the environmental impacts is faster and could be more efficient.

For this particular analysis, the choice to use a mix of equal parts vegetable oil and ZVI as a surrogate for the amendment is because of the data that is available for our tool. The emissions that are associated with the production of vegetable oil and zvi could be comparable to the ones associated with the amendment used for this treatment (Daramend). While obtaining the particular emissions associated with the production of Daramend would be ideal; however the amount of time and effort spent in that endeavor does not justify the difference in the emissions.

Measures identified in the evaluation that may reduce the environmental footprint of the alternatives are listed below for consideration.

- Alternatives: Consider the use of alternative transportation of wastes (if possible) to transport such material to the disposal facilities.
- Alternatives 3 and 4: Consider optimization of the amount of soil that needs to be used as backfill. The amount of soil used during these Alternatives is one of the main drivers of the environmental metrics.
- For All Alternatives: Consider a more efficient mode of transportation of materials such as rail. Consider an optimization schedule in order to take advantage to transport materials to the site the best way possible.
- All Alternatives: Some reduction of the environmental footprint, particularly air emissions, could be obtained for all alternatives through the possible use of emission control measures such as alternate fuel sources (e.g. biodiesel), equipment exhaust controls (e.g. diesel), and equipment idle reduction.
- Alternative 5: Consider the optimization of the amount of amendments used during the treatment stage.
- Alternative 6: Consider optimization of the amount of stabilizing chemicals during the treatment stage.
- All Alternatives: Consider optimizing of the use of equipment, particularly the use of the excavators, and even the type of equipment used during operations. An optimized operation schedule might be able to reduce the environmental impacts, specially the NO_x emissions.
- All Alternatives: Optimize the number of samples analyzed for disposal and quality purpose.
- All Alternatives: Consider ways to reduce vehicle mileage to reduce worker risk as well as energy use and emissions. Encourage site workers to carpool daily to the site to reduce total vehicle mileage.

Table 1
Environmental Footprint Evaluation Results
Block F, Middle River Complex
Middle River, Maryland
Page 1 of 1

Alternative	Activities	GHG Emissions	Total Energy Used	Water Impacts	NO _x Emissions	SO _x Emissions	PM ₁₀ Emissions	Accident Risk Fatality	Accident Risk Injury
		Metric Ton CO ₂ e	MMBTU	Gallons	Metric Ton	Metric Ton	Metric Ton		
Alternative 3	Materials Production	32.61	2,930.17	59.27	6.17E-08	4.14E-04	2.69E-05	NA	NA
	Transportation-Personnel	0.34	4.31	NA	1.27E-04	4.47E-06	2.57E-05	7.02E-06	5.65E-04
	Transportation-Equipment	6.80	88.81	NA	2.14E-03	3.78E-05	1.90E-04	1.68E-05	1.36E-03
	Equipment Use and Misc	12.71	201.94	3,500.00	5.26E-02	2.57E-02	2.90E-03	3.02E-06	7.59E-04
	Residual Handling	30.38	521.87	NA	9.15E-02	4.66E-02	2.49E-01	3.73E-05	3.00E-03
	Total	82.85	3,747.10	3,559.27	1.46E-01	7.28E-02	2.52E-01	6.42E-05	5.68E-03
Alternative 4	Materials Production	15.22	1,372.67	0.00	0.00E+00	0.00E+00	0.00E+00	NA	NA
	Transportation-Personnel	0.17	2.16	NA	6.35E-05	2.24E-06	1.29E-05	3.51E-06	2.83E-04
	Transportation-Equipment	3.31	43.17	NA	1.04E-03	1.84E-05	9.24E-05	8.19E-06	6.59E-04
	Equipment Use and Misc	7.19	120.87	3,500.00	2.77E-02	1.62E-02	1.34E-03	1.28E-06	3.22E-04
	Residual Handling	0.23	3.03	NA	7.29E-05	1.29E-06	6.48E-06	1.13E-06	9.10E-05
	Total	26.13	1,541.89	3,500.00	2.89E-02	1.62E-02	1.45E-03	1.41E-05	1.35E-03
Alternative 5	Materials Production	0.16	10.12	59.27	0.00E+00	5.95E-05	1.20E-07	NA	NA
	Transportation-Personnel	0.69	8.63	NA	2.54E-04	8.94E-06	5.15E-05	1.40E-05	1.13E-03
	Transportation-Equipment	1.30	16.92	NA	4.07E-04	7.21E-06	3.62E-05	3.21E-06	2.58E-04
	Equipment Use and Misc	34.21	1,370.47	39,129.28	8.62E-02	3.20E-02	4.54E-03	6.77E-06	1.70E-03
	Residual Handling	0.23	3.03	NA	7.30E-05	1.29E-06	6.49E-06	1.13E-06	9.10E-05
	Total	36.58	1,409.17	39,188.55	8.69E-02	3.21E-02	4.63E-03	2.52E-05	3.18E-03
Alternative 6	Materials Production	156.99	4,290.48	5.93	5.73E-07	4.79E-03	3.04E-03	NA	NA
	Transportation-Personnel	0.51	6.47	NA	1.90E-04	6.71E-06	3.86E-05	1.05E-05	8.48E-04
	Transportation-Equipment	2.49	32.48	NA	7.82E-04	1.38E-05	6.95E-05	6.16E-06	4.96E-04
	Equipment Use and Misc	12.05	264.25	8,409.12	3.42E-02	2.05E-02	2.63E-03	3.84E-06	9.66E-04
	Residual Handling	0.23	3.03	NA	7.30E-05	1.29E-06	6.49E-06	1.13E-06	9.10E-05
	Total	172.28	4,596.71	8,415.04	3.53E-02	2.53E-02	5.78E-03	2.17E-05	2.40E-03

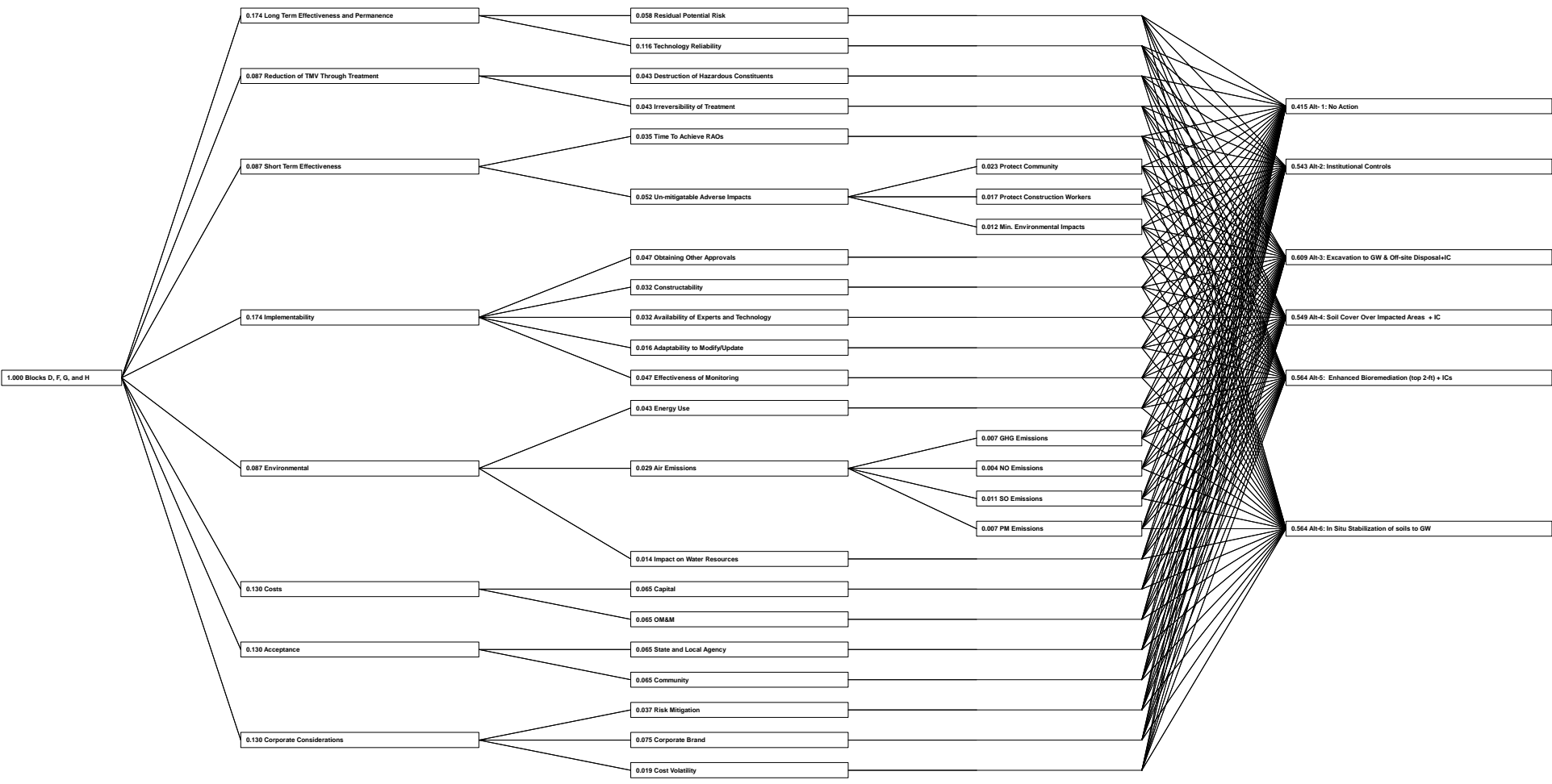
APPENDIX H—TOTAL COST ANALYSIS

**Appendix H-1
MRC Block F RAP**

Remedial Cost Summary

Alternative	Capital	O&M*	Total
Alternative 1. No Action	\$ -	\$ -	\$ -
Alternative 2. Institutional Controls	\$ 139,155	\$ 47,844	\$ 187,000
Alternative 3. Excavation & Disposal of All Impacted Surface Soils Above the Groundwater Table (Based on Residual Risk Analysis) + ICs	\$ 952,291	\$ 47,844	\$ 1,000,136
Alternative 4. Soil Cover (Based on Residual Risk Analysis) + ICs, Soil Cover - 1'-6" fill + 6" Topsoil	\$ 590,052	\$ 95,689	\$ 685,741
Alternative 5. Enhanced Bioremediation, Land Farming (Based on the Residual Risk Analysis - down to the groundwater table) - top 2 ft + ICs	\$ 791,523	\$104,089	\$ 895,612
Alternative 6. In-Situ Stabilization Of All Impacted Soils (Based on Residual Risk Analysis - down to the groundwater table) + ICs	\$ 910,464	\$ 47,844	\$ 958,308







* O&M costs for Alternatives 2 to 6 related to ICs; O&M costs for Alternative 5 related to ICs and O&M during implementation of bioremediation.



Goal Level	Weights	Rating Set	No Level Name	Weights	Rating Set
Blocks D, F, G, and	100.00	Long Term Effectiveness and Per	Long Term Effectiveness and Per	50.00	Residual Potential Risk
	50.00	Reduction of TMV Through Treat		100.00	Technology Reliability
	50.00	Short Term Effectiveness	Reduction of TMV Through Treat	50.00	Destruction of Hazardous Con
	100.00	Implementability		50.00	Irreversibility of Treatment
	50.00	Environmental	Short Term Effectiveness	50.00	Time To Achieve RAOs
	75.00	Costs		75.00	Un-mitigatable Adverse Impacts
	75.00	Acceptance	Implementability	75.00	Obtaining Other Approvals
	75.00	Corporate Considerations		50.00	Constructability
				50.00	Availability of Experts and Tec
				25.00	Adaptability to Modify/Update
				75.00	Effectiveness of Monitoring
			Environmental	75.00	Energy Use
				50.00	Air Emissions
				25.00	Impact on Water Resources
			Costs	50.00	Capital
				50.00	OM&M
			Acceptance	50.00	State and Local Agency
				50.00	Community
			Corporate Considerations	50.00	Risk Mitigation
				100.00	Corporate Brand
				25.00	Cost Volatility

Level 2	Weights	Rating Set	Attributes	Alt- 1: No Acti	Alt-2: Institutional Co
Residual Potential Risk		Alternatives	Residual Potential Risk	0.00	3.00
Technology Reliability		Alternatives	Technology Reliability	0.00	7.00
Destruction of Hazardous Con		Alternatives	Destruction of Hazardous Con	0.00	0.00
Irreversibility of Treatment		Alternatives	Irreversibility of Treatment	0.00	0.00
Time To Achieve RAOs		Alternatives	Time To Achieve RAOs	0.00	10.00
Un-mitigatable Adverse Impacts	100.00	Protect Community	Protect Community	10.00	10.00
	75.00	Protect Construction W	Protect Construction Workers	10.00	10.00
	50.00	Min. Environmental Imp	Min. Environmental Impacts	10.00	10.00
Obtaining Other Approvals		Alternatives	Obtaining Other Approvals	10.00	8.00
Constructability		Alternatives	Constructability	10.00	10.00
Availability of Experts and Tec		Alternatives	Availability of Experts and Tec	10.00	10.00
Adaptability to Modify/Update		Alternatives	Adaptability to Modify/Update	10.00	10.00
Effectiveness of Monitoring		Alternatives	Effectiveness of Monitoring	0.00	2.00
Energy Use		Alternatives	Energy Use	10.00	10.00
Air Emissions	50.00	GHG Emissions	GHG Emissions	10.00	10.00
	25.00	NO Emissions	NO Emissions	10.00	10.00
	75.00	SO Emissions	SO Emissions	10.00	10.00
	50.00	PM Emissions	PM Emissions	10.00	10.00
Impact on Water Resources		Alternatives	Impact on Water Resources	10.00	10.00
Capital		Alternatives	Capital	10.00	8.61
OM&M		Alternatives	OM&M	10.00	5.40
State and Local Agency		Alternatives	State and Local Agency	0.00	3.00
Community		Alternatives	Community	0.00	0.00
Risk Mitigation		Alternatives	Risk Mitigation	0.00	2.00
Corporate Brand		Alternatives	Corporate Brand	0.00	1.00
Cost Volatility		Alternatives	Cost Volatility	10.00	10.00

Alt-3: Excavation to GW & Off-site Di	Alt-4: Soil Cover Over Impacted Ar	Alt-5: Enhanced Bioremediation (top	Alt-6: In Situ Stabilization of soil
9.00	5.00	6.00	6.00
10.00	9.00	6.00	6.00
0.00	0.00	7.00	7.00
9.00	5.00	8.00	5.00
8.00	9.00	4.00	8.00
3.00	7.00	7.00	8.00
1.00	5.00	7.00	7.00
1.00	5.00	7.00	7.00
6.00	3.00	6.00	7.00
5.00	3.00	7.00	7.00
9.00	10.00	5.00	5.00
8.00	4.00	7.00	7.00
8.00	4.00	6.00	6.00
1.96	6.74	6.96	0.00
5.12	8.47	7.82	0.00
0.00	8.00	4.20	7.70
0.00	7.80	5.70	6.60
0.00	10.00	10.00	10.00
9.10	9.10	0.00	7.80
0.00	3.21	1.61	0.42
5.52	0.64	0.00	5.40
10.00	8.00	6.00	6.00
6.00	5.00	6.00	6.00
6.00	4.00	8.00	7.00
6.00	6.00	8.00	6.00
4.00	8.00	5.00	8.00

Alternatives	Value	Decision Scores
Alt-3: Excavation to G	0.609	
Alt-5: Enhanced Biore	0.564	
Alt-6: In Situ Stabilizati	0.564	
Alt-4: Soil Cover Over I	0.549	
Alt-2: Institutional Contr	0.543	
Alt- 1: No Action	0.415	

Attribute	Alt- 1: No Acti	Alt-2: Instituti	Alt-3: Excavat	Alt-4: Soil Co	Alt-5: Enhanc	Alt-6: In Situ	Model Weights
Impact on Water Resources	1.000	1.000	0.910	0.910	0.000	0.780	0.014
Energy Use	1.000	1.000	0.196	0.674	0.696	0.000	0.043
Constructability	1.000	1.000	0.500	0.300	0.700	0.700	0.032
Obtaining Other Approvals	1.000	0.800	0.600	0.300	0.600	0.700	0.047
NO Emissions	1.000	1.000	0.000	0.800	0.420	0.770	0.004
Availability of Experts and Technology	1.000	1.000	0.900	1.000	0.500	0.500	0.032
Irreversibility of Treatment	0.000	0.000	0.900	0.500	0.800	0.500	0.043
State and Local Agency	0.000	0.300	1.000	0.800	0.600	0.600	0.065
Residual Potential Risk	0.000	0.300	0.900	0.500	0.600	0.600	0.058
Cost Volatility	1.000	1.000	0.400	0.800	0.500	0.800	0.019
GHG Emissions	1.000	1.000	0.512	0.847	0.782	0.000	0.007
Adaptability to Modify/Update	1.000	1.000	0.800	0.400	0.700	0.700	0.016
Community	0.000	0.000	0.600	0.500	0.600	0.600	0.065
Min. Environmental Impacts	1.000	1.000	0.100	0.500	0.700	0.700	0.012
PM Emissions	1.000	1.000	0.000	1.000	1.000	1.000	0.007
OM&M	1.000	0.540	0.552	0.064	0.000	0.540	0.065
Time To Achieve RAOs	0.000	1.000	0.800	0.900	0.400	0.800	0.035
Capital	1.000	0.861	0.000	0.321	0.161	0.042	0.065
Risk Mitigation	0.000	0.200	0.600	0.400	0.800	0.700	0.037
Technology Reliability	0.000	0.700	1.000	0.900	0.600	0.600	0.116
SO Emissions	1.000	1.000	0.000	0.780	0.570	0.660	0.011
Destruction of Hazardous Constituents	0.000	0.000	0.000	0.000	0.700	0.700	0.043
Corporate Brand	0.000	0.100	0.600	0.600	0.800	0.600	0.075
Protect Community	1.000	1.000	0.300	0.700	0.700	0.800	0.023
Effectiveness of Monitoring	0.000	0.200	0.800	0.400	0.600	0.600	0.047
Protect Construction Workers	1.000	1.000	0.100	0.500	0.700	0.700	0.017
Results	0.415	0.543	0.609	0.549	0.564	0.564	

Contributions to Blocks D, F, G, and H from Level:



Alternative 2. Institutional Controls

DATE: ____ April 2013 ____

LEVEL OF ESTIMATE: Screening <input type="checkbox"/> or Detailed <input type="checkbox"/>				DISCOUNT RATE: 7%		ESCALATION RATE											
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
1	Element	Description (Explain Element as necessary)	Qty	Units (Select as appropriate)	\$/Unit	Cost Extension \$ (F x H)		Cost in Current Dollars (Add costs that have been distributed over 45 years)			Cost in NPV Dollars (NPV costs that have been distributed over 45 years)						
2								Implementation	OM&M	Closure	TOTAL (O+P+Q)	Implementation	OM&M	Closure			
3	Remedial Design																
4	Bench/Pilot Testing	n/a				LS or V		\$0		\$0			\$0	\$0			
5	Field Investigation				0	LS or UC and LOE		\$0		\$0			\$0	\$0			
6	Modeling	n/a			0	LS		\$0		\$0			\$0	\$0			
7	Reporting/Deliverables				0	LS		\$0		\$0			\$0	\$0			
8	Total Remedial Design Effort (Alternative to above sub-topics)				15%	%	Of Remedy Implementation (Excluding NRDs)			\$0			\$0	\$0			
9	Subtotal																
10	Remedy Implementation																
11	Mobilization				1	LS or %		\$0		\$0			\$0	\$0			
12	Implementation					V or UC		\$0		\$0			\$0	\$0			
13	Deed restrictions and legal/administrative costs				1	LS	\$105,440	\$105,440		\$105,440			\$105,440	\$105,440			
14	Reporting/Deliverables	Contractor submittals, pre/post-construction surveying, as-built				1	LS or LOE	\$0		\$0			\$0	\$0			
15	Sale Tax	Maryland sales tax (6%) applied to Remedy Implementation				1	LS or LOE	\$0		\$0			\$0	\$0			
16	Third Party Payments					UC		\$0		\$0			\$0	\$0			
17	Bonds	2%			1	%		\$0		\$0			\$0	\$0			
18	Insurance	0.50%			1	%		\$0		\$0			\$0	\$0			
19	NRDs					LS		\$0		\$0			\$0	\$0			
20	Subtotal																
21	OM&M																
22	IC Monitoring and Inspection	Monitoring and inspection over 50 years based on EPA estimation tool				1	LS	\$120,000	\$120,000			\$120,000		\$35,440		\$35,440	
23	Laboratory					UC		\$0			\$0		\$0		\$0		
24	Field Activities					UC and LOE		\$0			\$0		\$0		\$0		
25	Materials, Fuels and Treatment Media					UC or V		\$0			\$0		\$0		\$0		
26	Reporting/Deliverables					LS or LOE		\$0			\$0		\$0		\$0		
27	Modeling					LOE		\$0			\$0		\$0		\$0		
28	Total OM&M Costs (Alternative to above sub-topics)					LOE Attached Work Sheet						\$0		\$0		\$0	
29	Subtotal																
30	Project Closure																
31	Assessments	Assume 5% of Design+Implementation				1	V or UC and LOE					\$0		\$0		\$0	
32	Decommissioning	Assume 5% of Design+Implementation				1	LS, % or V					\$0		\$0		\$0	
33	Subtotal																
34	Project Management ³																
35	During Implementation	Assumed				8%	%	Of Remedial Design & Remedy Implementation	\$8,435		\$8,435			\$8,435	\$8,435		
36	During OM&M	Assumed				8%	%	Of OM&M	\$9,600.00			\$9,600		\$2,835		\$2,835	
37	During Closure	Assumed				8%	%	Of Closure	\$0.00				\$0	\$0		\$0	
38	Subtotal																
39	SUBTOTAL COST OF ELEMENT ESTIMATES																
40	Contingencies	Implementation	OM&M	Closure						\$113,875	\$129,600	\$0	\$152,151	\$113,875	\$38,276	\$0	
41	Scope (10 to 25%)	12.2%	15%	25%						\$13,893	\$19,440	\$0	\$19,634	\$13,893	\$5,741	\$0	
42	Bid (10 to 20%)	10%	10%	20%						\$11,388	\$12,960	\$0	\$15,215	\$11,388	\$3,828	\$0	
43	Subtotal																
44	GRAND TOTAL COST																
45																	
46																	
47	ESCALATED CASH FLOW COSTS (45 YEARS)																
	\$165,715																

Escalation Factor

Subtotal or Grand Total lines

LOE Level Of Effort

LS Lump Sum

NPV Net Present Value

NRDs Natural Resource Damages

OM&M Operational, Maintenance & Monitoring

UC Unit Cost

V Vendor

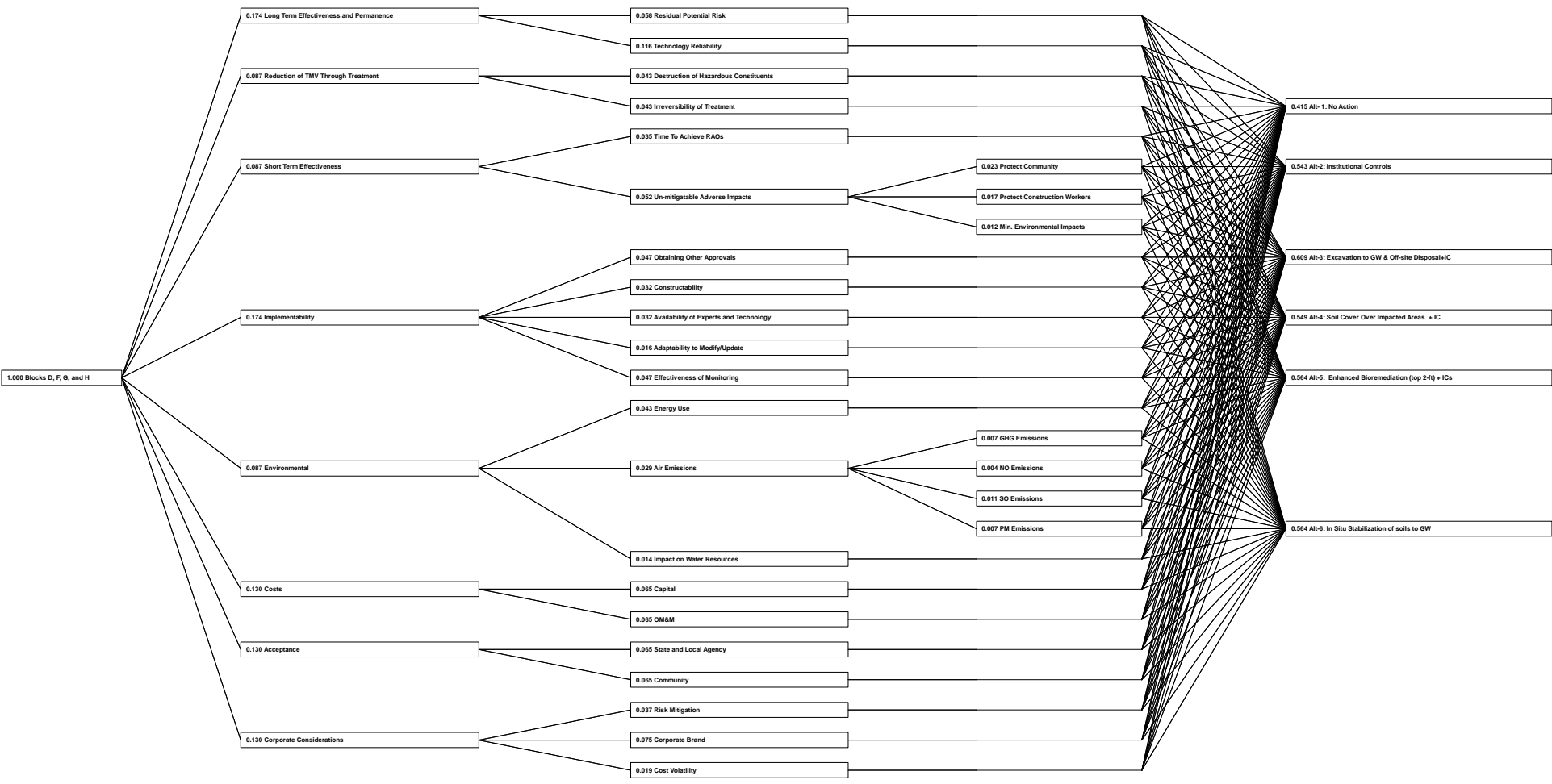
% Percent

For use in the CDP analysis

Capital Cost = \$139,155 NPV

OM&M Cost = \$47,844 NPV







APPENDIX I—*CRITERIUM*[®] *DECISIONPLUS*[®] ANALYSIS



Goal Level	Weights	Rating Set	No Level Name	Weights	Rating Set
Blocks D, F, G, and	100.00	Long Term Effectiveness and Per	Long Term Effectiveness and Per	50.00	Residual Potential Risk
	50.00	Reduction of TMV Through Treat		100.00	Technology Reliability
	50.00	Short Term Effectiveness	Reduction of TMV Through Treat	50.00	Destruction of Hazardous Con
	100.00	Implementability		50.00	Irreversibility of Treatment
	50.00	Environmental	Short Term Effectiveness	50.00	Time To Achieve RAOs
	75.00	Costs		75.00	Un-mitigatable Adverse Impacts
	75.00	Acceptance	Implementability	75.00	Obtaining Other Approvals
	75.00	Corporate Considerations		50.00	Constructability
				50.00	Availability of Experts and Tec
				25.00	Adaptability to Modify/Update
				75.00	Effectiveness of Monitoring
			Environmental	75.00	Energy Use
				50.00	Air Emissions
				25.00	Impact on Water Resources
			Costs	50.00	Capital
				50.00	OM&M
			Acceptance	50.00	State and Local Agency
				50.00	Community
			Corporate Considerations	50.00	Risk Mitigation
				100.00	Corporate Brand
				25.00	Cost Volatility

Level 2	Weights	Rating Set	Attributes	Alt- 1: No Acti	Alt-2: Institutional Co
Residual Potential Risk		Alternatives	Residual Potential Risk	0.00	3.00
Technology Reliability		Alternatives	Technology Reliability	0.00	7.00
Destruction of Hazardous Con		Alternatives	Destruction of Hazardous Con	0.00	0.00
Irreversibility of Treatment		Alternatives	Irreversibility of Treatment	0.00	0.00
Time To Achieve RAOs		Alternatives	Time To Achieve RAOs	0.00	10.00
Un-mitigatable Adverse Impacts	100.00	Protect Community	Protect Community	10.00	10.00
	75.00	Protect Construction W	Protect Construction Workers	10.00	10.00
	50.00	Min. Environmental Imp	Min. Environmental Impacts	10.00	10.00
Obtaining Other Approvals		Alternatives	Obtaining Other Approvals	10.00	8.00
Constructability		Alternatives	Constructability	10.00	10.00
Availability of Experts and Tec		Alternatives	Availability of Experts and Tec	10.00	10.00
Adaptability to Modify/Update		Alternatives	Adaptability to Modify/Update	10.00	10.00
Effectiveness of Monitoring		Alternatives	Effectiveness of Monitoring	0.00	2.00
Energy Use		Alternatives	Energy Use	10.00	10.00
Air Emissions	50.00	GHG Emissions	GHG Emissions	10.00	10.00
	25.00	NO Emissions	NO Emissions	10.00	10.00
	75.00	SO Emissions	SO Emissions	10.00	10.00
	50.00	PM Emissions	PM Emissions	10.00	10.00
Impact on Water Resources		Alternatives	Impact on Water Resources	10.00	10.00
Capital		Alternatives	Capital	10.00	8.61
OM&M		Alternatives	OM&M	10.00	5.40
State and Local Agency		Alternatives	State and Local Agency	0.00	3.00
Community		Alternatives	Community	0.00	0.00
Risk Mitigation		Alternatives	Risk Mitigation	0.00	2.00
Corporate Brand		Alternatives	Corporate Brand	0.00	1.00
Cost Volatility		Alternatives	Cost Volatility	10.00	10.00

Alt-3: Excavation to GW & Off-site Di	Alt-4: Soil Cover Over Impacted Ar	Alt-5: Enhanced Bioremediation (top	Alt-6: In Situ Stabilization of soil
9.00	5.00	6.00	6.00
10.00	9.00	6.00	6.00
0.00	0.00	7.00	7.00
9.00	5.00	8.00	5.00
8.00	9.00	4.00	8.00
3.00	7.00	7.00	8.00
1.00	5.00	7.00	7.00
1.00	5.00	7.00	7.00
6.00	3.00	6.00	7.00
5.00	3.00	7.00	7.00
9.00	10.00	5.00	5.00
8.00	4.00	7.00	7.00
8.00	4.00	6.00	6.00
1.96	6.74	6.96	0.00
5.12	8.47	7.82	0.00
0.00	8.00	4.20	7.70
0.00	7.80	5.70	6.60
0.00	10.00	10.00	10.00
9.10	9.10	0.00	7.80
0.00	3.21	1.61	0.42
5.52	0.64	0.00	5.40
10.00	8.00	6.00	6.00
6.00	5.00	6.00	6.00
6.00	4.00	8.00	7.00
6.00	6.00	8.00	6.00
4.00	8.00	5.00	8.00

Alternatives	Value	Decision Scores
Alt-3: Excavation to G	0.609	
Alt-5: Enhanced Biore	0.564	
Alt-6: In Situ Stabilizati	0.564	
Alt-4: Soil Cover Over I	0.549	
Alt-2: Institutional Contr	0.543	
Alt- 1: No Action	0.415	

Attribute	Alt- 1: No Acti	Alt-2: Instituti	Alt-3: Excavat	Alt-4: Soil Co	Alt-5: Enhanc	Alt-6: In Situ	Model Weights
Impact on Water Resources	1.000	1.000	0.910	0.910	0.000	0.780	0.014
Energy Use	1.000	1.000	0.196	0.674	0.696	0.000	0.043
Constructability	1.000	1.000	0.500	0.300	0.700	0.700	0.032
Obtaining Other Approvals	1.000	0.800	0.600	0.300	0.600	0.700	0.047
NO Emissions	1.000	1.000	0.000	0.800	0.420	0.770	0.004
Availability of Experts and Technology	1.000	1.000	0.900	1.000	0.500	0.500	0.032
Irreversibility of Treatment	0.000	0.000	0.900	0.500	0.800	0.500	0.043
State and Local Agency	0.000	0.300	1.000	0.800	0.600	0.600	0.065
Residual Potential Risk	0.000	0.300	0.900	0.500	0.600	0.600	0.058
Cost Volatility	1.000	1.000	0.400	0.800	0.500	0.800	0.019
GHG Emissions	1.000	1.000	0.512	0.847	0.782	0.000	0.007
Adaptability to Modify/Update	1.000	1.000	0.800	0.400	0.700	0.700	0.016
Community	0.000	0.000	0.600	0.500	0.600	0.600	0.065
Min. Environmental Impacts	1.000	1.000	0.100	0.500	0.700	0.700	0.012
PM Emissions	1.000	1.000	0.000	1.000	1.000	1.000	0.007
OM&M	1.000	0.540	0.552	0.064	0.000	0.540	0.065
Time To Achieve RAOs	0.000	1.000	0.800	0.900	0.400	0.800	0.035
Capital	1.000	0.861	0.000	0.321	0.161	0.042	0.065
Risk Mitigation	0.000	0.200	0.600	0.400	0.800	0.700	0.037
Technology Reliability	0.000	0.700	1.000	0.900	0.600	0.600	0.116
SO Emissions	1.000	1.000	0.000	0.780	0.570	0.660	0.011
Destruction of Hazardous Constituents	0.000	0.000	0.000	0.000	0.700	0.700	0.043
Corporate Brand	0.000	0.100	0.600	0.600	0.800	0.600	0.075
Protect Community	1.000	1.000	0.300	0.700	0.700	0.800	0.023
Effectiveness of Monitoring	0.000	0.200	0.800	0.400	0.600	0.600	0.047
Protect Construction Workers	1.000	1.000	0.100	0.500	0.700	0.700	0.017
Results	0.415	0.543	0.609	0.549	0.564	0.564	

Contributions to Blocks D, F, G, and H from Level:



APPENDIX J—PERMITS

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Section 404 Clean Water Act (33 U.S.C. 1344) USACE Regulations 33 CFR Part 320-330	<p>Maryland State Programmatic General Permit (MDSPGP-4) or Individual Department of the Army (DA) Permit -</p> <p>Note: Part of “Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland” application.</p>	Fill of Waters of the U.S. including non-tidal wetlands and waters and tidal wetlands and waters including all areas below the Mean High Water or landward extent of tidal wetlands	<p>Complete the Joint Application for alteration " of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland"" application. 2) Mail the original plus four copies of the application, plans, vicinity maps and any supporting documentation to: Regulatory Services Coordination (RSC)Office MDE, Water Management Administration 1800 Washington Boulevard, Suite 430 Baltimore, Maryland 21230-1708 3) Upon receipt of the application package, the RSC will determine what type of permit is necessary and will forward the application to the appropriate governmental agencies. The RSC receives applications for the Nontidal Wetlands and Waterways Division, Tidal Wetlands Division, and Dam Safety Division of the Maryland Department of the Environment, as well as the U.S. Army Corps of Engineers. The Department conducts the review in cooperation with local, state, and federal agencies. Although the Department often coordinates with local governments on specific applications, it is the applicant’s responsibility to obtain all local approvals for the project. 4) Depending on the nature of the project, it may be advertised for comment and an opportunity for a public informational hearing. The applicant may be required to notify adjacent property owners. 5) The Department may perform a site evaluation. 6) At the conclusion of the review process, the Department will make a decision on the application. Upon receipt of final construction plans, a permit or license is issued by the Department. In some instances, a license may be issued by the Maryland Board of Public Works (BPW) based on a recommendation from the Department</p>	No Fee

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
USACE – Section 10 Rivers and Harbors Act - 33 USC 401, et seq	Maryland State Programmatic General Permit (MDSPGP-4) or Individual DA Permit - Note: Part of “Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland” application.	Impacts including dredge and fill of navigable waters from Mean High Water Line Seaward	See above	No Fee
MDE Tidal Wetlands Protection Act – Environment Article 16 of the Annotated Code of Maryland – COMAR 26.24	Maryland State Programmatic General Permit (MDSPGP-4) or Tidal Wetland License - Note: Part of “Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland” application.	The following activities in tidal wetlands/waters are regulated by the Department: <ul style="list-style-type: none"> • Filling of open water and vegetated wetlands • Construction of piers, bulkheads, revetments • Dredging • Marsh establishment Alteration of Non-tidal Wetlands and other Jurisdictional Waters of the State	See above	A fee of up to \$1000 may be assessed by the BPW, depending on the purpose of the project.

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Section 106 of the National Historic Preservation Act (Public Law 89-665; 16 U.S.C. 470 et seq)	Maryland Heritage Trust (MHT) Review and Approval is required to comply with the conditions of the MDSPGP-4 or Individual DA Permit	Section 106 regulates any direct or indirect effects on any district, site, building, structure, or object that is included in or eligible for inclusion in the National Register	Section 404 permitting triggers the need for review of the project by the Maryland Heritage Trust. If the MHT determines that the project will have "no effect" on listed or eligible sites no further action will be required. If the MHT determines that an impact would occur avoidance, minimization, or potential mitigation measures will need to be employed	No Fee
Section 7 of the Federal Endangered Species Act (ESA)	USFWS review and (potentially) consultation is required to comply with the conditions of the MDSPGP-4 or Individual DA Permit	Section 7 of the ESA requires federal agencies to evaluate potential impacts on listed species and/or habitat as a result of issuance of a federal permit including a Section 404 MDSPGP-4 or Individual DA permit	Review request letter is submitted to the USFWS to request information on listed species/habitat in the project area. If the USACE/Lockheed determine that there is potential impacts on listed species/habitat an evaluation and preliminary determination of affect is prepared and submitted to the USFWS for concurrence. If the project will have either a "no affect" or "may affect, but not likely to adversely affect" determination then informal consultation is concluded and no further action is required. If the project will have an adverse affect formal consultation with the USFWS must be initiated to acquire an incidental take permit	No Fee
NOAA Fisheries review Section 305(b)(2) of the Magnuson-Stevens Fishery Conservation and Management Act	NOAA Fisheries review and (potentially) consultation is required to comply with the conditions of the MDSPGP-4 or Individual DA Permit	MSA requires federal agencies to evaluate potential impacts on listed species and/or habitat as a result of issuance of a federal permit including a Section 404 MDSPGP-4 or Individual DA permit	Review request letter is submitted to NOAA Fisheries to request information on listed species and EFH in the project area. If NOAA/Lockheed determine that there is potential impacts on listed species/habitat an evaluation and preliminary determination of affect is prepared and submitted to NOAA for concurrence. If the project will have either a "no affect" or "may affect, but not likely to adversely affect" determination then informal consultation is concluded and no further action is required. If the project will have an adverse affect formal consultation with NOAA must be initiated to acquire approval	No Fee

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Maryland Nongame and Endangered Species Conservation Act (Annotated Code of Maryland 10-2A-01; also, Code of Maryland Regulations 08.03.08	Maryland DNR Review and Approval to comply with the requirements of the MDSPGP-4 or Individual DA Permit	Potential impacts to state listed species need to be evaluated as part of the Joint Permit Application review process	Review request letter is submitted to DNR to request information on listed species in the project area. If DNR/Lockheed determine that there is potential impacts on listed species/habitat an evaluation and preliminary determination of affect is prepared and submitted to DNR for concurrence. If the project will have either a "no affect" determination then the review is concluded and no further action is required. If the project will have an adverse affect avoidance, minimization, and possibly mitigation measures may be required to acquire approval	No Fee

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Chesapeake Bay Critical Area Act, Title 8, Subtitle 18 of the Natural Resources Article of the Annotated Code of Maryland – Also, Maryland Critical Area Regulations for Development in the Critical Area Resulting from State Programs are found in Title 27, Subtitle 02 of the Code of Maryland Regulations (COMAR).	Critical Area Plan and Notification	Chesapeake Bay Critical Area consists of all land within 1,000 feet of mean high tidal waters or the edge of tidal wetlands. Land use must follow criteria specific to that category of land. Furthermore, land within 100 feet of mean high tidal waters or the edge of tidal wetlands is considered to be the Tidal Buffer, {COMAR 27.01.09.01}. Impacts to regulated features within the critical area such as the Tidal Buffer or forested areas must be mitigated as necessary. At the conclusion of the review process, the Department will make a decision on the application	"Prior to submission of a project to the Critical Area Commission ,the following requirements must be completed: Public notice of the project was published for one business day in a newspaper of general circulation in the geographic area in which the proposed development would occur; At least 14 days were provided for public comment in the local jurisdiction in which the proposed development would occur; and The affected land was posted in accordance with the posting requirements in COMAR 27.03.01.03 D.Critical Area Project Notification Applications are submitted for review and approval by the BC DEPRM. A Critical Area Project Notification Application must be submitted for sites wholly or partially within IDAs in which the land disturbance is at least15,000 square feet .Necessary Critical Area Project Notification Application content includes the application, site plans with Buffer areas and other Habitat Protection Features shown (as applicable) on each plan,site maps with Critical Area and 100-year floodplain boundaries indicated, acreage of IDA, LDA, RCA areas, acreage of disturbed area, pre- and post-work impervious surface area, and pre- and post-work woodland/trees area."	No Fee

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Utility Clearance	N/A	Miss Utility for Maryland will be notified (1- 800-257-7777, www.missutility.net) at least 48 hours, but not more than 10 working days, before any excavation or well drilling activities are conducted.	N/A	No Fee
MDE/Baltimore County – Well Construction Permit		A well construction permit is required before installing any well that will explore for water, obtain or monitor ground water, or inject water into any underground formation from which ground water may be produced. The well construction permit is obtained by the well driller from the local health department	Permits are obtained through a well driller licensed in the State of Maryland	Environment Article Section 9-1307 allows up to \$160 per permit. Each county establishes the fee, but may not exceed \$160 per permit. Baltimore County indicates cost of \$80 per permit.

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Baltimore County – Building Permits	Baltimore County – Building Permits	<p>A well construction permit is required before installing any well that will explore for water, obtain or monitor ground water, or inject water into any underground formation from which ground water may be produced. The well construction permit is obtained by the well driller from the local health department"</p> <p>"Any time a building greater than 100 square feet in size is erected, altered, added to, or demolished, a permit is required. Building permits also are required for piers, bulkheads, retaining walls, swimming pools over 250 square feet, fences over 42 inches high, and accessory buildings</p>	Develop and submit a site plan (two to ten copies, depending on the type of work) drawn to scale and showing what is to be built and how it is to be situated on the property. Construction plans (two sets) are required for buildings over 1,000 square feet and additions over 600 square feet. Commercial permit applications require a Plan Review Data Sheet (three copies). Major work and commercial work requires these plans be sealed by an architect or engineer. The tax account number of the property will also be required	

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Section 402 Clean Water Act (33 U.S.C. 1342) and 40 CFR 122.26; Maryland Environment Article, Title 9, Subtitle 3: COMAR 26.08.04	Notice of Intent for Coverage under the Construction General Permit for Stormwater	Required for all construction activity in Maryland with a planned total disturbance of 1 acre or more. Conditions of the permit include compliance with approved erosion/sediment control and stormwater management plans, compliance with water quality standards and TMDLs, self-monitoring and record keeping.	1) Obtain an application form for an individual permit at the website below or by calling the Department at (410)537-3510. Complete the form and mail with payment to: MDE, Water Management Administration P.O. Box 2057 Baltimore, MD 21203-2057 The individual permit can be submitted any time prior to the start of construction activity, but note that the permit issuance process takes 60 to 90 days, and may take longer in some instances. 2) The Department reviews the application to insure completion. 3) The Department then places the NOI on the publicly available database. 4) Following the public database posting period and submission to the department of the approval for erosion and sediment control from the SCD, the Department then sends the applicant a package which includes a letter verifying coverage and issuing the project a unique permit number, a copy of the individual permit, and a receipt card which must be posted at the site.	1 to less than 10 acres - \$100 10 to less than 15 acres - \$500 15 to less than 20 acres - \$1,500 20 acres or more - \$2,500

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Section 1.04 of the Code of the Baltimore County Regulations (COBAR) Baltimore County Grading Permit (Baltimore County Code 33-4 and 33-5; COMAR 26.17.01 and 26.17.02)	Grading Plan approval. Also requires approval or variance from stormwater management from Baltimore County and approval of E&S plans from Baltimore County Soil Conservation District	If the proposed grading disturbs over 5,000 square feet of surface area or over 100 cubic yards of fill material is utilized, a permit is required. As a condition of grading permit issuance, a Stormwater Management Plan (see below) will be submitted to Baltimore County for review and approval as well as erosion and sediment control approval from SCD.	To acquire the grading permit for the MRC site, a combined Grading Plan and Erosion and Sediment Control Plan will be submitted for review and approval by the Baltimore County Soil Conservation District (BC SCD). Per BCC 33-5-202(b)(1) and COMAR 26.17.01.05F, the grading permit application must include the approved Grading Plan and the approved Erosion and Sediment Control Plan. Additionally, a grading permit may not be issued for any site unless a performance security has been posted, an environmental agreement has been executed, and a Stormwater Management Plan has either been approved or an exemption, waiver, or variance for the Stormwater Management Plan has been granted (BCC 33-4-108). Necessary grading plan content includes the site plan and vicinity maps, limits of disturbance, existing and proposed contours reflecting changes made to topography and surface finishes, and changes in the site impervious area. Separate proposed contours maps will not be necessary for the MRC site because post construction site grades will match pre-construction grades and post-construction surface finishes will be the same as preconstruction site finishes	\$0.002 per square foot of land on which grading activities occur. The minimum fee is \$40 and the maximum fee is \$5,000. In addition, a performance security equal to \$0.05 per square foot of land area to be disturbed, not to exceed \$30,000, is also required.

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Regulation/Statute	Permit	Applicability	Permit Process	Cost
Baltimore County - Erosion/Sediment Control Plan	Baltimore County – Erosion/Sediment Control Plan Approvals	Erosion/Sediment Control Plan approval is required for any construction activity that disturbs 5,000 square feet or more of soil or results in the excavation of 100 cubic yards or more of soil.	An erosion and sediment control plan will be prepared in accordance with the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control (MDE, 1994), the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control, and the Baltimore County Urban Policy and Guidelines Manual; draft standards and specifications published in early 2010 will also be considered. An initial submittal will be made that will include signed/sealed plan sheets, plan information sheet, drainage area maps, and the calculated fee. The review process will then follow the 3 stage review procedure for the stormwater management and grading plan process including concept, development, and final plan review.	Flat rate of \$0.004 per square foot of disturbed area with a maximum fee of \$3,000.
Section 402 Clean Water Act (33 U.S.C. 1342) and 40 CFR 122.26; Environment Article, Title 4, Subtitle 1 for erosion and sediment control and Subtitle 2 for stormwater management (COMAR 26.17.01 and 26.17.02); Article 33 Title 4 of the Code of the Baltimore County Regulations (COBAR) Baltimore County Stormwater Management	Stormwater Management Variance from Baltimore County	General stormwater discharges to waters of the US and state (Federal NPDES program administered by MDE); In Baltimore County this includes new stormwater discharges; Development or redevelopment of land for residential, commercial, industrial, institutional, or governmental use	A Stormwater Management Plan is required to be submitted to the Baltimore County Department of Environmental Protection and Sustainability for review and approval before a grading permit can be issued and soil response action activities can commence unless an exemption, waiver, or variance has been granted. The Stormwater Management Plan will be designed in accordance with the “2000 Maryland Stormwater Design Manual, Volumes I and II,” revised in 2009.	Flat rate of \$50.00 per acre of disturbed area with a minimum fee of \$50.00 and a maximum fee of \$450

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Approval Time	Duration	Link	Agency	Contact
<p>Minor projects - 6 to 9 months</p> <p>Major projects - 12 months</p> <p>Minor Projects: Projects that involve less than 1 acre and/or 2,000 lf of stream for non-tidal and less than 1/2 acre and less than 400 cy of fill in tidal wetlands/waters. Minor projects are not placed on public notice.</p> <p>Major Projects: Projects that propose permanent impacts to: construct, reconstruct a reservoir, dam or other waterway obstruction; construct a waterway; or, dredge, fill, bulkhead or change the shoreline. Major projects are placed on public notice.</p>	<p>Maximum of five years and may be extended for an additional five years. Construction must be initiated within three years.</p>	<p>http://www.nab.usace.army.mil/Wetlands%20Permits/permits.htm</p>	<p>USACE and EPA</p>	<p>Jon Romeo (410) 962-6079 or jon.romeo@usace.army.mil</p>

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Approval Time	Duration	Link	Agency	Contact
See above	See above	http://www.nab.usace.army.mil/Wetlands%20Permits/permits.htm	USACE and EPA	Jon Romeo (410) 962-6079 or jon.romeo@usace.army.mil
See above	Maximum of 3 years	http://www.mde.state.md.us/programs/Water/WetlandsandWaterways/PermitsandApplications/Pages/Programs/WaterPrograms/Wetlands_Waterways/permits_applications/tidal_permits.aspx	MDE Wetlands/Waterways Division	Robert Rushlow - 410-537-4023

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Approval Time	Duration	Link	Agency	Contact
Approximately one month	3 years	http://mht.maryland.gov/projectreview.html	Maryland Heritage Trust	Beth Cole (410) 514-7631 bcole@mdp.state.md.us
3 months for informal consultation and up to 18 months for formal consultation	5 years	http://www.fws.gov/chesapeakebay/EndStppWeb/ELEMENTS/ProjReview.html	United States Fish and Wildlife Service	Cherry Keller 410/573 4532 cherry_keller@fws.gov
3 months for informal consultation and up to 18 months for formal consultation	5 years		NOAA Fisheries	

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Approval Time	Duration	Link	Agency	Contact
3 months	N/A	http://www.dnr.state.md.us/wildlife/Habitat/er.asp	Maryland Department of Natural Resources	Lori Byrne Phone: 410- 260-8573

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Approval Time	Duration	Link	Agency	Contact
A Critical Area Project Notification Application will be sent for BC DEPRM review at the same time that the Erosion and Sediment Control Plan and Stormwater Management Plan are submitted for review. The time of review by the BC DEPRM is expected to be similar to the review periods for the Erosion and Sediment Control Plan and Stormwater Management Plans.	Two years plus any applicable extension	http://www.baltimorecountymd.gov/Agencies/environment/ent/eir/index.html	Baltimore County Department of Environmental Protection and Sustainability Environmental Impact Review	Regina Esslinger 410-887-3980

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Approval Time	Duration	Link	Agency	Contact
N/A	10 Working Days		N/A	Miss Utility of Maryland 800-257-7777
30 days (This may vary depending on the local health department.)				MDE - Barry Glotfelty Delegated Program Section bglotfelty@md.state.md.us (410) 537-3784

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Approval Time	Duration	Link	Agency	Contact
Up to 30 days				Building Permit Processing Bureau 410-887-3900

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Approval Time	Duration	Link	Agency	Contact
At least 60 to 90 days	Expires five years from the date the permit is issued to the project or until a Notice of Termination has been completed	http://www.mde.state.md.us/programs/Permits/WaterManagementPermits/WaterDischargePermitApplications/Pages/permits/watermanagementpermits/water_applications/gp_construction.aspx	Maryland Department of the Environment	Karen Smith ksmith@mde.state.md.us Phone: (410) 537-3510

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Approval Time	Duration	Link	Agency	Contact
An estimate of the average review time is approximately 3-6 months.	Two years from the date of issuance with an option to request an extension of up to one additional year upon written request	http://www.baltimorecountymd.gov/Agencies/environment/stormwater/index.html	Baltimore County EPS Stormwater Engineering and Baltimore County Soil Conservation District	Al Wirth/Ed Schmaus with Baltimore County Grading and Stormwater Engineering 410-887-3768 eschmaus@baltimorecountymd.gov rwirth@baltimorecountymd.gov

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Approval Time	Duration	Link	Agency	Contact
An estimate of the average review time is approximately 6 weeks	2 years from date of issuance	http://www.mascd.net/BCSCD/	Baltimore County Soil Conservation District	Dave Bachman with Baltimore County Soil Conservation District (410) 527-5920, ext. 115 dbachman@baltimorecountymd.gov
An estimate of the average review time is approximately 6 weeks.	2 years from date of issuance	http://www.baltimorecountymd.gov/Agencies/environment/stormwater/index.html	Baltimore County EPS Stormwater Engineering	Al Wirth/Ed Schmaus with Baltimore County Grading and Stormwater Engineering 410-887-3768 eschmaus@baltimorecountymd.gov rwirth@baltimorecountymd.gov