Construction Completion Report
Lockheed Martin Middle River Complex
2323 Eastern Boulevard
Middle River, Maryland

Prepared for:

Lockheed Martin Corporation

Prepared by:

Tetra Tech, Inc.

August 2014

Michael Martin, PG
Regional Manager

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TABLE OF CONTENTS

Section **Page**

ACRONYMS ..... **v**

1 INTRODUCTION **1-1**

1.1 BACKGROUND 1-1

1.2 ORGANIZATION 1-1

2 CONSTRUCTION IN BLOCK E **2-1**

2.1 PRE-REMEDIATION SAMPLING 2-1

2.2 INSTALLATION OF PROJECT TRAILERS AND EROSION AND SEDIMENT CONTROLS 2-2

2.3 EXCAVATION AND DISPOSAL OF TOXIC SUBSTANCES CONTROL ACT SOIL 2-2

2.4 EXCAVATION AND DISPOSAL OF NONHAZARDOUS SOIL AND RECOVERED WATER 2-3

2.5 DISCOVERY AND REMOVAL OF UNDERGROUND STORAGE TANKS 2-3

2.6 EXCAVATION SIDEWALL AND BOTTOM SAMPLING 2-4

2.7 INSTALLATION OF INJECTION AND MONITORING WELLS 2-4

2.8 UNDERGROUND PIPING INSTALLATION 2-4

2.9 SITE RESTORATION 2-5

3 CONSTRUCTION IN BLOCK G **3-1**

3.1 PRE-REMEDIATION SAMPLING 3-1

3.2 INSTALLATION OF EROSION AND SEDIMENT CONTROLS 3-1

3.3 CONSTRUCTION OF BLOCK G SWALE 3-2

3.4 EXCAVATION AND DISPOSAL OF NONHAZARDOUS SOIL 3-2

3.5 EXCAVATION SIDEWALL AND BOTTOM SAMPLING 3-2

3.6 INSTALLATION OF INJECTION AND MONITORING WELLS 3-3

TABLE OF CONTENTS (continued)

Section **Page**

3.7 UNDERGROUND PIPING INSTALLATION 3-3

3.8 SYSTEM INSTALLATION 3-3

3.9 SITE RESTORATION 3-4

4 CONSTRUCTION IN BLOCK I 4-1

4.1 PRE-REMEDIATION SAMPLING 4-1

4.2 INSTALLATION OF INJECTION AND MONITORING WELLS 4-1

4.3 INSTALLATION OF EROSION AND SEDIMENT CONTROLS 4-2

4.4 EXCAVATION AND DISPOSAL OF NONHAZARDOUS SOIL AND UNDERGROUND PIPING INSTALLATION 4-2

4.5 EXCAVATION SIDEWALL AND BOTTOM SAMPLING 4-2

4.6 SYSTEM INSTALLATION 4-3

4.7 SITE RESTORATION 4-3

5 REFERENCES 5-1

APPENDICES

APPENDIX A—DAILY REPORTS

APPENDIX B—PRE-REMEDIATION SAMPLING LOCATIONS AND RESULTS

APPENDIX C—EROSION AND SEDIMENT CONTROL DRAWINGS AND APPROVALS

APPENDIX D—SOIL DESIGN DRAWINGS AND SURVEY DRAWING: BLOCKS E AND G

APPENDIX E—LETTER TO UNITED STATES ENVIRONMENTAL PROTECTION AGENCY: TOXIC SUBSTANCES CONTROL ACT SOIL REMOVAL

APPENDIX F—TOXIC SUBSTANCES CONTROL ACT WASTE PROFILE AND MANIFESTS

APPENDIX G—NONHAZARDOUS WASTE PROFILE AND MANIFESTS

APPENDIX H—CLEAN HARBORS WASTE PROFILE AND MANIFESTS

TABLE OF CONTENTS (continued)

APPENDICES (continued)

APPENDIX I—HAZARDOUS SOIL WASTE PROFILE AND MANIFESTS

APPENDIX J—SIDEWALL AND BOTTOM SAMPLING LOCATIONS AND RESULTS

APPENDIX K—UNDERGROUND SYSTEM COMPONENT AS-BUILT DRAWINGS AND BORING LOGS

APPENDIX L—CURRENT CONDITIONS MEMO

APPENDIX M—BLOCK G SWALE AS-BUILT DRAWING

APPENDIX N—ROAD CROSSING PERMIT INFORMATION

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ACRONYMS

CR-6	crusher run
Elite	Elite Environmental and Petroleum Services
Lockheed Martin	Lockheed Martin Corporation
MDE	Maryland Department of the Environment
mg/kg	milligram(s) per kilogram
MRC	Middle River Complex
PCB	polychlorinated biphenyl
TCE	trichloroethene
Tetra Tech	Tetra Tech, Inc.
TSCA	Toxic Substances Control Act
UST	underground storage tank
VOC	volatile organic compound

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Section 1
Introduction

Tetra Tech, Inc. (Tetra Tech) has prepared this report on behalf of Lockheed Martin Corporation (Lockheed Martin) to document completion of the groundwater-remediation-system installation at the Lockheed Martin Corporation Middle River Complex (MRC) in Middle River, Maryland. This report describes the construction that occurred from May 2013 to April 2014.

1.1 BACKGROUND

In 2013, Tetra Tech completed the design of an *in situ* bioremediation system to remediate trichloroethene (TCE) in groundwater at Blocks E, G, and I at the Middle River Complex. The system consists of 71 injection wells, ranging from 30 to 35 feet deep. Two injection systems, installed inside 40-foot long shipping containers, provide equipment, instrumentation, and controls for mixing and injecting a dilute substrate and pH buffer into the subsurface. The systems are connected to the injection wells via sub-grade piping installed in trenches. Because the treatment systems in Blocks E and G were installed in known areas of impacted soil, a limited soil excavation was completed before the remediation system infrastructure was installed in these areas. Daily reports were completed during field activities (May 6, 2013 through April 17, 2014). These reports are in Appendix A.

1.2 ORGANIZATION

This report is organized as follows:

Section 1—Introduction: Presents the background and organization of the construction completion report.

Section 2—Construction in Block E: Presents details of the construction of the groundwater remediation system in Block E.

Section 3— Construction in Block G: Presents details of the construction of the groundwater remediation system in Block G.

Section 4— Construction in Block I: Presents details of the construction of the groundwater remediation system in Block I.

Section 5—References: Lists references and citations used in compiling this report.

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Section 2
Construction in Block E

Construction activities completed in Block E include:

- pre-remediation sampling
- installation of erosion and sedimentation controls
- installation of project trailers
- excavation and disposal of Toxic Substances Control Act (TSCA) soil
- excavation and disposal of nonhazardous soil
- discovery and removal of two underground storage tanks (USTs) and supplemental delineation of the UST plumes
- excavation sidewall and bottom sampling
- installation of injection and monitoring wells
- underground piping installation and placing Block E into standby for further delineation and remediation
- site restoration

2.1 PRE-REMEDIATION SAMPLING

Before starting physical remediation construction activity, soil was sampled to delineate polychlorinated biphenyl (PCB) concentrations requiring disposal under TSCA (≥50 milligrams per kilogram [mg/kg] per TSCA regulations). To be conservative, all soil with PCB concentrations above 40 mg/kg was disposed of as TSCA waste. Pre-remediation waste-characterization samples were also collected for disposal of the nonhazardous waste from the excavated areas.

Soil sampling locations and analytical requirements were specified in the *Soil Sampling and Analysis Plan, Groundwater Remediation System Installation, Blocks E, G, and I* (Tetra Tech, 2013b). Figure 3-2 from that plan, showing the sampling locations, is in Appendix B, as are

Block E pre-remediation sampling results. These results were used to complete the soil excavation design for Block E.

2.2 INSTALLATION OF PROJECT TRAILERS AND EROSION AND SEDIMENT CONTROLS

Project trailers for the primary subcontractor (Elite Environmental and Petroleum Services [Elite]), Tetra Tech, Inc. (Tetra Tech), and CDM Smith personnel were placed on site in May 2013; a generator was brought on site to provide power to the trailers. The generator was used in lieu of connecting to a local power source due to cost. Tetra Tech obtained the necessary permits for soil excavation on behalf of Lockheed Martin Corporation (Lockheed Martin). The final drawings signed by Baltimore County for erosion and sediment controls are in Appendix C. The Block E erosion and sediment controls were installed in May–June 2013 in accordance with approved plans, and were inspected and approved by Baltimore County in June 2013; the county also conducted periodic inspections during site activities. The following approvals were received before starting the soil excavation and are also included in Appendix C; these approvals are relevant for all blocks:

- wetland and stream impact approval from the United States Army Corps of Engineers
- wetland/stream impact approval from MDE
- MDE stormwater permit
- Baltimore County stormwater-variance approval
- Baltimore County environmental agreement
- Maryland Department of Natural Resources review approval
- Maryland Historical Trust review approval

2.3 EXCAVATION AND DISPOSAL OF TOXIC SUBSTANCES CONTROL ACT SOIL

Excavation of TSCA soil was completed from June 27 through July 12 in accordance with the *Soil Remedial Excavation Design, Blocks E and G* (Tetra Tech, 2013c); applicable drawings from this design are in Appendix D. The excavation was completed in accordance with a letter sent from Lockheed Martin to the United States Environmental Protection Agency (USEPA) in April 2013 (see Appendix E). Additional soil was removed on July 17–18 after the initial

excavation survey. The waste profile and waste manifests for the 803.68 tons of TSCA soil disposed of at Chemical Waste Management in Model City, New York are in Appendix F. The delegation of manifest signature authority for hazardous and nonhazardous soil from Lockheed Martin to Mr. Ken Jeffery of Tetra Tech is also included in this appendix. Following the July excavation, equipment was decontaminated per federal and state requirements and per the excavation design.

2.4 EXCAVATION AND DISPOSAL OF NONHAZARDOUS SOIL AND RECOVERED WATER

Nonhazardous soil in Block E was excavated per the design (Tetra Tech, 2013c) in July and August 2013. Appendix G contains the waste profile and waste manifests for the disposal of 2,384 tons of soil at the Waste Management GROWS North landfill in Morrisville, Pennsylvania. Disposal quantities were greater than expected because additional soil excavation was required to re-establish the trench excavation after heavy rainfall at the site; a significant amount of rainwater also had to be removed from the trenches. This water (69,193 gallons) was stored in double-walled frac tanks and was characterized and disposed of as hazardous waste off-site at the Clean Harbors facility in Baltimore, Maryland; associated data and waste manifests are in Appendix H.

2.5 DISCOVERY AND REMOVAL OF UNDERGROUND STORAGE TANKS

Two USTs (USTs 1 and 2) were discovered during soil excavation in Block E. UST 1, with a nominal 500-gallon capacity, contained relatively low concentrations of petroleum constituents. UST 2, with a nominal 250-gallon capacity, contained full strength waste trichloroethene (TCE) and high concentrations of other volatile organic compounds (VOCs). Both tanks contained solid materials and sludge, and had leaked contents into underlying soil over time.

The tanks were discovered on July 18–19, 2013. The tanks' contents were transferred to drums, and the drums were properly disposed of off-site at Clean Harbors in Baltimore, Maryland on October 7, 2013 (Appendix H). Under Maryland Department of the Environment (MDE) supervision, the tanks were removed from the ground and cleaned on July 31, 2013. Soil removal near the two USTs was completed on July 31 and August 26, 2013, respectively; two 20-cubic-yard roll-off boxes (lined and covered) were filled with soil. This soil was characterized as hazardous waste, and 52,202 pounds of soil were disposed of at the Veolia facility in Port

Arthur, Texas on November 11, 2013. The waste profile and waste manifests associated with this soil are in Appendix I. Following soil removal, the excavations were backfilled with stone (CR-6). More information regarding the UST removal and closure can be found under separate cover:

- *Summary Report for Soil and Groundwater Delineation: Block E USTs 1 and 2* (Tetra Tech, 2013d)
- *Summary Report for Soil and Groundwater Delineation: Block E UST 2* (Tetra Tech, 2014c)
- *Block E UST Closure Report* (Tetra Tech, 2014a).

The MDE Oil Control Program provided a Case Closure letter for the UST removals on April 27, 2014. Additional remedial activities in the area of UST 2 are currently planned for fall 2014.

2.6 EXCAVATION SIDEWALL AND BOTTOM SAMPLING

Twenty-one post-excavation samples were collected, including eight samples from the excavation sidewalls (collected approximately 1.5 feet from the ground surface in the excavation) and 13 samples collected from the bottom of the excavations. One sample was collected per approximately 40 feet of trench, with alternating sidewall and bottom samples with some additional bottom samples collected in the excavations outside the trench areas. Sampling locations and results are in Appendix J. Note that these samples were collected to document conditions in soil that remains in place, and not to confirm achievement of remedial goals.

2.7 INSTALLATION OF INJECTION AND MONITORING WELLS

Injection and monitoring wells were installed in Block E per the *Groundwater Response Action 100% Design* (Tetra Tech, 2013a). Eighteen injection wells and four monitoring wells were installed. Screen intervals and well depths were determined based on the stratigraphy at each location, so some minor variations from the design documents were needed. Stratigraphy, well depths, and screen intervals are documented in the boring logs and well-completion diagrams in Appendix K. Although the design included 24 injection wells, injection wells IWE-7 through IWE-12 were not installed due to the discovery of USTs 1 and 2. However, these wells will be

installed during the additional remediation activities planned near UST 2 in fall 2014; Appendix L includes more information on current conditions at Block E.

The wells were developed per the design (Tetra Tech, 2013a), and development water was stored on site in drums. This water was characterized and disposed of as nonhazardous at the Clean Harbors facility in Baltimore. Soil cuttings from the well installation (33 tons from all blocks) were characterized as nonhazardous and disposed of at the GROWS North landfill in Pennsylvania.

2.8 UNDERGROUND PIPING INSTALLATION

Installation of underground piping for the injection wells was completed per the design (Tetra Tech, 2013a), with the changes described in this section. Piping installation included injection tubing, electrical conduits, potable water lines, wellhead piping, and wellhead manholes. The layout of the northern trenches was adjusted slightly to minimize construction through the concrete foundation of former Building D. Additionally, not all underground piping could be completed due to the UST discovery. A major piping trench was planned for the UST locations, and UST 2 was in a major intersection of the north-south and east-west trench lines. Therefore, the lines running from the southern wells (IWE-13 through IWE-24) were brought to the surface, bundled, and protected from the elements, as were the lines from the northernmost wells (IWE-1 through IWE-6). Field modifications to the design are in the red line drawings in Appendix K. Current conditions in Block E were detailed in a memo (Appendix L).

2.9 SITE RESTORATION

Trenches were backfilled primarily per the remedial design (Tetra Tech, 2013c) after excavation; however, heavy rains had produced significant water infiltration, which compromised the storm sewer system in several areas of Block E. Because french-drain systems are located throughout the block, different backfill materials, including CR-6 (crusher-run gravel) and #57 stone, were used to obtain the required compaction and integrity in several areas (Appendix D). Additional construction is planned in Block E; final site restoration will be completed after the scheduled work in fall/winter 2014 is complete.

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Section 3
Construction in Block G

Construction activities completed in Block G include:

- pre-remediation sampling
- installation of erosion and sedimentation controls
- construction of the Block G swale
- excavation and disposal of nonhazardous soil
- excavation sidewall and bottom sampling
- installation of injection and monitoring wells
- underground piping installation
- system installation
- site restoration

3.1 PRE-REMEDIATION SAMPLING

Pre-remediation sampling was conducted to delineate soil contamination in Block G and provide waste characterization for disposal of the nonhazardous waste from the excavated areas. Soil sampling locations and analytical requirements are in the *Soil Sampling and Analysis Plan, Groundwater Remediation System Installation, Blocks E, G, and I* (Tetra Tech, Inc. [Tetra Tech], 2013b). Appendix B contains Figure 3-5 from that plan, showing sampling locations. Analytical results for pre-remediation sampling in Block G are also in Appendix B.

3.2 INSTALLATION OF EROSION AND SEDIMENT CONTROLS

Tetra Tech, on behalf of Lockheed Martin Corporation (Lockheed Martin), obtained the necessary permits for the soil excavation. The final drawings signed by Baltimore County for erosion and sediment controls for the soil removal and swale construction are in Appendix C. The Block G controls were installed in May–June 2013 in accordance with approved plans, and

inspected and approved by Baltimore County in June 2013; the county also conducted periodic inspections during site activities.

3.3 CONSTRUCTION OF BLOCK G SWALE

Construction in Block G included installation of a stormwater swale adjacent to the injection wells to replace a drainage feature formerly located in the center of the well field. Construction of the swale started in August 2013 during the initial excavation. The swale was completed per the design (Tetra Tech, 2012), with no major field changes; minor changes include changing the angle of the piping from the original road crossing to the head of the swale and modification of some of the details of the connection to the storm drain at the foot of the swale. These changes were approved by the designer before implementation. Design drawings are in Appendix C, and an as-built survey drawing is in Appendix M. Excavation for the Block G swale was completed from August 27 through September 4, 2013; 978 tons of soil was removed from the site and disposed of as nonhazardous soil at the GROWS North landfill. Waste manifests are in Appendix G.

3.4 EXCAVATION AND DISPOSAL OF NONHAZARDOUS SOIL

Excavation of nonhazardous soil in the injection well areas was primarily completed from September 5 through October 2, 2013; additional excavation for the crossing of Chesapeake Park Plaza was completed in April 2014. Applicable design drawings and an as-built survey drawing for the Block G excavation are in Appendix D. Excavation waste generated at Block G (not including the road crossing; soil from the road crossing is included in the total given in Section 4.4) included 1,837 tons of soil and concrete; this material was disposed of at GROWS North landfill in 2013. The weight of the disposed soil was greater than anticipated because heavy rains had saturated the soil, and because additional concrete (thickness and volume) in the southern portion of the block had to be removed. The waste profile and waste manifests are in Appendix G. The site was backfilled following excavation, per the remedial design (Tetra Tech, 2013c).

3.5 EXCAVATION SIDEWALL AND BOTTOM SAMPLING

Thirty-five post-excavation samples were collected, including 18 samples from the sidewalls (collected approximately 1.5 feet from the ground surface in the excavation) and 17 samples collected from the bottom; one sample was collected per approximately 40 feet of trench with

alternating sidewall and bottom samples. Sampling locations and results are in Appendix J. Note that these samples were collected to document conditions in soil that remains in place, and not to confirm achievement of remedial goals.

3.6 INSTALLATION OF INJECTION AND MONITORING WELLS

Injection and monitoring wells were installed in Block G per the *Groundwater Response Action 100% Design* (Tetra Tech, 2013a). Thirty-nine injection wells and three monitoring wells were installed. Screen intervals and well depths were determined based on the stratigraphy at each location; therefore, some minor variations from the design documents occurred. Stratigraphy, well depths, and screen intervals are documented in the boring logs and well-completion diagrams in Appendix K. The wells were developed per the design (Tetra Tech, 2013a), and development water was stored on site in drums; this water was characterized and disposed of as nonhazardous at the Clean Harbors facility in Baltimore. Soil cuttings from the well installation (33 tons from all blocks) were characterized as nonhazardous and disposed of at GROWS North landfill in Pennsylvania.

3.7 UNDERGROUND PIPING INSTALLATION

Installation of underground piping for the injection wells was completed per the design (Tetra Tech, 2013a), with only minor changes. For example, the piping was run in a slightly different manner near the system container due to the modified system-container location. Additionally, trenches in the southern portion of the site were slightly shallower, due to the presence of groundwater at those locations. Field modifications to the design are in the red line drawings in Appendix K. Piping installation included injection tubing, electrical conduits, potable water lines, wellhead piping, and wellhead manholes. Additional piping was installed beneath Chesapeake Park Plaza in April 2014. Tetra Tech obtained a permit from Baltimore County on behalf of Lockheed Martin to complete this road crossing. The permit and design documents submitted for the permit application are in Appendix N.

3.8 SYSTEM INSTALLATION

The injection system was delivered to the site installed in a shipping container, and was placed via crane on a level portion of the Block G parking area per the design (Tetra Tech, 2013a). The location and orientation of the container were adjusted slightly from the design; this change is

documented in the red line drawings (Appendix K). Donlee Electric ran approximately 1,000 feet of conduit and wiring from the power supply to the system container. The connections to the power supply and the container and all underground portions of the work were completed per the design and applicable codes. Tetra Tech and the primary subcontractor (Elite Environmental and Petroleum Services [Elite]) made final tubing and potable water connections to the system container. Final injection system drawings are in the *Groundwater Remediation O&M Manual* (Tetra Tech, 2014b).

3.9 SITE RESTORATION

Trenches were backfilled and site restoration was completed per the remedial design (Tetra Tech, 2012, 2013a, 2013c). Some additional restoration, including reseeding some areas, will be completed in 2014 in association with Block E activities.

Section 4
Construction in Block I

Construction activities completed in Block I include:

- pre-remediation sampling
- installation of injection and monitoring wells
- installation of erosion and sedimentation controls
- excavation and disposal of nonhazardous soil and piping installation
- excavation sidewall and bottom sampling
- system installation

4.1 PRE-REMEDIATION SAMPLING

Pre-remediation sampling was conducted to characterize waste for disposal from the excavated areas. Soil sampling locations and analytical requirements are in the *Soil Sampling and Analysis Plan, Groundwater Remediation System Installation, Blocks E, G, and I* (Tetra Tech, Inc. [Tetra Tech], 2013b). Appendix B contains Figure 3-5 from that plan showing sampling locations. Analytical results for pre-remediation sampling in Block I are also in Appendix B. Sampling results indicate the waste from Block I is nonhazardous.

4.2 INSTALLATION OF INJECTION AND MONITORING WELLS

The sequence of activities in Block I was slightly different from that used in Blocks E and G. No soil removal (other than that needed for system installation) was needed in Block I. The installation of injection and monitoring wells preceded soil excavation. Wells were installed per design documents (Appendix K). Eight injection wells and two monitoring wells were installed in Block G. Screen intervals and well depths were determined based on the stratigraphy at each location; therefore, some minor variations from the design documents were made. Stratigraphy, well depths, and screen intervals are documented in the boring logs and well-completion diagrams in Appendix K).

The wells were developed per the design (Tetra Tech, 2013c), and development water was stored on site in drums. The water was characterized and disposed as nonhazardous at the Clean Harbors facility in Baltimore. Soil cuttings from the well installation (33 tons from all blocks) were characterized as nonhazardous and disposed of at the GROWS North landfill.

4.3 INSTALLATION OF EROSION AND SEDIMENT CONTROLS

Tetra Tech, on behalf of Lockheed Martin, obtained the necessary permits for the soil excavation. The final drawings signed by Baltimore County for erosion and sediment controls are in Appendix C. Block G controls were installed in October 2013 in accordance with the plans and approved by the Baltimore County inspector that same month. Erosion and sedimentation controls were installed in coordination with the facility personnel (the controls temporarily blocked access to a facility loading dock).

4.4 EXCAVATION AND DISPOSAL OF NONHAZARDOUS SOIL AND UNDERGROUND PIPING INSTALLATION

Excavation of nonhazardous soil in piping trenches was conducted per the remedial design (Tetra Tech, 2013a) in October 2013. Some changes were made in trench routing due to site features and underground utilities, as shown in the red line drawings in Appendix K. Soil from Block I was transported to Block G, where it was temporarily stockpiled (stockpiles were covered with plastic). Block I soil was disposed of with soil from Block G and from the Chesapeake Park Plaza road crossing in April 2014 (all soil was characterized as nonhazardous and disposed of at the GROWS North landfill). The total waste disposed of in April 2014 was 496 tons. The waste profile and waste manifests are in Appendix G.

Underground piping was installed in trenches per the *Groundwater Response Action 100% Design* (Tetra Tech, 2013a), with minor changes primarily associated with the minor rerouting of trenches. Installation included injection tubing, electrical conduits, potable water lines, wellhead piping, and wellhead manholes. Field modifications to the design are shown in red line drawings in Appendix K.

4.5 EXCAVATION SIDEWALL AND BOTTOM SAMPLING

Eleven samples were collected from the Block I excavations, including five samples from the excavation sidewalls (collected approximately 1.5 feet from the ground surface) and six bottom

samples; one sample was collected per approximately 40 feet of trench, with alternating sidewall and bottom samples. Sampling locations and results are in Appendix J. Note that these samples were collected to document conditions in soil that remains in place, and not to confirm achievement of remedial goals.

4.6 SYSTEM INSTALLATION

The injection system, installed in a shipping container, was delivered to the site and set via crane on a level portion of Block I. The location and orientation of the container were adjusted from the design, as shown in the red line drawings (Appendix K). Donlee Electric made the final electrical connections at the power source (an electrical box at the rear of the chemical storage building) and at the system. The connections to the power supply and the container and all underground portions of the work were completed per the design and applicable codes. Tetra Tech and the primary subcontractor (Elite Environmental and Petroleum Services [Elite]) made final tubing connections to the system container; a licensed plumber completed the potable water connections. Final injection system drawings are in the *Groundwater Remediation O&M Manual* (Tetra Tech, 2014b).

4.7 SITE RESTORATION

The trenches were backfilled following system installation, per the design (Tetra Tech, 2013a), and concrete and asphalt surfaces were restored.

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Section 5
References

1. Tetra Tech, Inc. (Tetra Tech), 2012. *Design of Swale Abandonment and Subsurface Pipeline Replacement, Block G.* May.

2. Tetra Tech, Inc. (Tetra Tech), 2013a. *Groundwater Response Action 100% Design.* May.

3. Tetra Tech, Inc. (Tetra Tech), 2013b. *Soil Sampling and Analysis Plan, Groundwater Remediation System Installation, Blocks E, G, and I.* May.

4. Tetra Tech, Inc. (Tetra Tech), 2013c. *Soil Remedial Excavation Design, Blocks E and G*. June.

5. Tetra Tech, Inc. (Tetra Tech), 2013d. *Summary Report for Soil and Groundwater Delineation, Block E USTs 1 and 2, Middle River Complex, Middle River, Maryland*. December.

6. Tetra Tech, Inc. (Tetra Tech), 2014a. *Block E UST Closure Report*. January.

7. Tetra Tech, Inc. (Tetra Tech), 2014b. *Groundwater Remediation O&M Manual*. May.

8. Tetra Tech, Inc. (Tetra Tech), 2014c. *Summary Report for Soil and Groundwater Delineation, Block E UST 2, Middle River Complex, Middle River, Maryland*. June.

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APPENDIX A—DAILY REPORTS

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT
May 6, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Overcast, windy 59**

- Attend Lockheed Martin Safety Training with Scott Lapp
- Mob Crew to Site
- Put Tetra Tech lock on Gate to Block E per discussions with Scott Lapp
- Provide extra key to Scott Lapp
- Procedure for signing discussed with Scott Lapp will be to report to Block E site, sign in and provide security a list of personnel onsite.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls		

EQUIPMENT AND MATERIAL DELIVERIES

- Spot a Pot

PERSONNEL ON SITE

Tetra Tech: Jay Santa
Ken Jeffrey
Tony Apanavage
Stuart Cameron

CDM: NA

Subcontractors: Elite Environmental (7 Man Crew)
Ken Trent
Larry Macher
Drew Coles
Gary Norris
Doug Vann

Desmond Newbold
Joe Green

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- Perform Tetra Tech Site Specific Health and Safety for Crew
- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 3:30pm

SAMPLING, TESTING, ANALYTICAL DATA
NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation
- Install Rock Construction entrances

Status of Outstanding Issues and Action Items

- Status of Permits
- Contact for Baltimore County for E&S inspection

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT
May 7, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy, Rainy 55**

- Continue Mobilization activities
- Elite storage/office trailer delivered to site
- Elite backhoe delivered to site
-

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls		

EQUIPMENT AND MATERIAL DELIVERIES

- Backhoe John Deere 310J
- Storage/Office trailer Elite

PERSONNEL ON SITE

Tetra Tech: Jay Santa
Stuart Cameron

CDM: NA

Subcontractors: Elite Environmental (3 Man Crew)
Ken Trent
Gary Norris
Desmond Newbold

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 3:30pm

SAMPLING, TESTING, ANALYTICAL DATA
NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation
- Install Rock Construction entrances

Status of Outstanding Issues and Action Items

- Contact for Baltimore County for E&S inspection

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT
May 8, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny, 69**

- Continue Mobilization activities
- Begin Installation of construction entrance at Block E
- Perform site walk through with Tt and Elite project team

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls		

EQUIPMENT AND MATERIAL DELIVERIES

- **NA**

PERSONNEL ON SITE

Tetra Tech: Jay Santa
Ken Jeffery
Chris Pike
Stuart Cameron

CDM: NA

Subcontractors: Elite Environmental (4 Man Crew)
Ken Trent
Gary Norris
Joe Greene
Desmond Newbold

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 4:00pm

SAMPLING, TESTING, ANALYTICAL DATA
NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation
- Install Rock Construction entrances

Status of Outstanding Issues and Action Items

- Contact for Baltimore County for E&S inspection

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT
May 9, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny, 70**

- Continue Mobilization activities
- Complete installation of construction entrance (RCE) at Block E
- Begin installation of RCE at Block G
- Begin Installation of silt fence at Block E
- John Deere skid steer onsite
- Bobcat 328 Mini excavator onsite
- 3 loads of RCE stone delivered to site
- 1 load of 57 stone

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls		

EQUIPMENT AND MATERIAL DELIVERIES

- John Deere Skid Steer
- Bobcat 328 Mini excavator

PERSONNEL ON SITE

Tetra Tech: Jay Santa
Stuart Cameron
Tony Apanavage

Lockheed Martin : John Morgan

CDM: NA

Subcontractors: Elite Environmental (6 Man Crew)
Ken Trent
Larry Macher
Drew Coles
Gary Norris
Joe Greene
Desmond Newbold

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 4:00pm

SAMPLING, TESTING, ANALYTICAL DATA
NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation
- Install Rock Construction entrances

Status of Outstanding Issues and Action Items

- Contact for Baltimore County for E&S inspection

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT
May 13, 2013
Tax Block G, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny, 70**

- Attend daily site health & safety meeting
- Continue Mobilization activities
- Begin installation of super silt fence along southern portion of LOD in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT AND MATERIAL DELIVERIES

- John Deere Skid Steer
- Bobcat 328 Mini excavator
- John Deere 310J Backhoe on site
- Chain link fence, woven geotextile & galvanized posts for super silt fence installation.
- 2" x 4" lumber for silt fence on pavement installation.

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Tony Apanavage

Lockheed Martin : NA

CDM: NA

Subcontractors: Elite Environmental (4 Man Crew)

Larry Macher
Drew Coles
Gary Norris
Doug Vann

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 5:10pm

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation

Status of Outstanding Issues and Action Items

NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT
May 14, 2013
Tax Block G, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny, 65**

- Attend daily site health & safety meeting
- Continue Mobilization activities
- Resumed installation of super silt fence along southern portion of LOD in Block G
- Begin Installation of Security Fence along east boundary of Block G
- Delivery of Tetra Tech Site Construction Trailer

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT AND MATERIAL DELIVERIES

- John Deere Skid Steer
- Bobcat 328 Mini excavator
- John Deere 310J Backhoe on site
- Security fence fabric and posts

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Tony Apanavage

Lockheed Martin : NA

CDM: NA

Subcontractors: Elite Environmental (4 Man Crew)

Larry Macher
Drew Coles
Gary Norris
Doug Vann

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 5:35pm

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

May 15, 2013
DAILY CONSTRUCTION REPORT
Tax Block G, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny, 68**

- Attend daily site health & safety meeting
- Continue Mobilization activities
- Completed installation of super silt fence along southern portion of LOD in Block G
- Resumed installation of Security Fence along east boundary of Block G
- Begin fabricating components for Silt Fence on Pavement

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

- John Deere Skid Steer
- Bobcat 328 Mini excavator
- John Deere 310J Backhoe on site
- Security fence fabric and posts

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Stuart Cameron
Tony Apanavage

Lockheed Martin : NA

CDM: NA

Subcontractors: Elite Environmental (4 Man Crew)

Larry Macher
Drew Coles
Gary Norris
Doug Vann
Joe Greene
Desmond Newbold

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 5:25pm

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 16, 2013
Tax Block G, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny, 68**

- Attend daily site health & safety meeting
- Continue Mobilization activities
- Completed installation of super silt fence along southern portion of LOD in Block G
- Resumed installation of Security Fence along east boundary of Block G
- Begin fabricating components for Silt Fence on Pavement

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

- John Deere Skid Steer
- Bobcat 328 Mini excavator
- John Deere 310J Backhoe on site

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Mike Martin
Fred Kolberg

Lockheed Martin : NA

CDM: NA

Subcontractors: Elite Environmental (5 Man Crew)

Larry Macher
Drew Coles
Gary Norris
Doug Vann
Desmond Newbold

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 5:15pm

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 17, 2013
Tax Block G, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

- John Deere Skid Steer
- Bobcat 328 Mini excavator
- John Deere 310J Backhoe on site

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 20, 2013
Tax Block G, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny, 84**

- Attend daily site health & safety meeting
- Continue Mobilization activities
- Begin Installing components for Silt Fence on Pavement In Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

- John Deere Skid Steer with broom attachment
- Bobcat 328 Mini excavator
- John Deere 310J Backhoe on site

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Stuart Cameron

Lockheed Martin : Scott Lapp

CDM: NA

Subcontractors: Elite Environmental (6 Man Crew)

Larry Macher
Drew Coles
Gary Norris
Doug Vann
Desmond Newbold
Sean Weber

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00am

Depart Site: 5:30pm

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Continue mob
- E&S control installation

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 21, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny, 80**

- Attend daily site health & safety meeting
- Continue Mobilization activities
- Resume Installing components for Silt Fence on Pavement In Block E
- Placed silt fence adjacent to site construction entrance, (incomplete).

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

- John Deere Skid Steer with broom attachment
- Bobcat 328 Mini excavator
- John Deere 310J Backhoe on site

*All equipment was removed from site at the day's end.

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Stuart Cameron

Lockheed Martin : NA

CDM: NA

Subcontractors: Elite Environmental (6 Man Crew)

Larry Macher
Drew Coles
Gary Norris
Doug Vann
Desmond Newbold
Sean Weber

Daily roster for all onsite personnel with names provided to security and will be sent as a separate attachment

HEALTH & SAFETY TOPICS OR ISSUES:

- All H&S documentation sent as separate attachments if applicable

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 6:50am

Depart Site: 5:25 pm

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 22, 2013
Tax Block E,G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 23, 2013
Tax Block E,G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 24, 2013
Tax Block E,G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 27, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 28, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 29, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 84 degrees and Sunny

- Site erosion and sediment control inspection.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 0650

Depart Site: 0922

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

Ken Jeffery was on site to perform an erosion and sediment control inspection. The inspection was performed in Blocks E & G.

Block E: Site construction entrance, silt fence and silt fence on pavement are all in good condition. Ponding of water is evident from the grass clippings' ring left from the subsiding water on the pavement around the inlet by Elite's trailer. Ponding from this did not occur beyond the limits of the silt fence on pavement.

Block G: Site construction entrance is sound and the super silt fence is in good condition. No evidence of sediment migration was observed. Safety fence at eastern perimeter is in good condition.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 30, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT May 31, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 3, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 4, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 77 degrees and Sunny

- Site erosion and sediment control inspection.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 1337

Depart Site: 1445

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

Ken Jeffery was on site to perform an erosion and sediment control inspection. The inspection was performed in Blocks E & G.

Block E: Site construction entrance, silt fence and silt fence on pavement are all in good condition. A small portion of silt fence adjacent to the construction entrance is incomplete.

Block G: Site construction entrance is sound and the super silt fence is in good condition. No evidence of sediment migration was observed. Safety fence at eastern perimeter is in good condition.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 5, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 78 degrees and Sunny

- Survey layout for Blocks E & G.
- Continue E & S Controls installation.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

(1) Pickup truck

PERSONNEL ON SITE

Tetra Tech: Russ Birchfield
Tom Kimmel

Lockheed Martin : John Morgan

CDM: NA

Subcontractors:

Elite Environmental Ken Trent
Drew Coles
Sean Weber

HEALTH & SAFETY TOPICS OR ISSUES:

Heat / Hydration
Slips trips and falls

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 0700

Depart Site: 1800

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

On site tomorrow to complete E&S

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 6, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 78 degrees and Partly Sunny

- Continue E & S Controls installation.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

(1) Pickup truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors:

Elite Environmental Ken Trent
Drew Coles
Larry Macher
Sean Weber

HEALTH & SAFETY TOPICS OR ISSUES:

Heat / Hydration
Slips trips and falls, (noted rebar and various studs protruding from concrete pavement and how it is hidden within grass clumps.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 0700

Depart Site:

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

On site Monday, 6/10/13, Sawcut pavement In Block I

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 7, 2013
Tax Block E,G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 10, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 72 degrees / Heavy Rain & Showers

- Review E&S measures in place and perform maintenance as necessary.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

(1) Pickup truck
(1) Box Van

DELIVERIES

Manhole casting

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors:

Elite Environmental	Larry Macher
	Doug Vann
	Drew Coles
	Sean Weber

E&S Consultant to Elite Environmental: John Bartonfelder

HEALTH & SAFETY TOPICS OR ISSUES

Slips trips and falls

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 1000

Depart Site: 1545

SAMPLING, TESTING, ANALYTICAL DATA

- Tom Dickson, (Tetra Tech) scheduled for Baseline analysis 6-13-13.

PLANNED 3 DAY SCHEDULE

- Tetra Tech to set up air monitoring for baseline 6-13-13
- Baltimore County Inspection

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Donnelly Electric to be on site this week for estimate.
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

Elite Environmental's consultant on site today to review the E&S measures in place. Their recommendation addresses the settlement of soil backfilled for the silt fence after the placement. Elite Environmental utilized the remaining day to correct this condition in Block E and Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 11, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Donnelly Electric to be on site this week for estimate.
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 12, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Donnelly Electric to be on site this week for estimate.
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 13, 2013
Tax Block E,G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Donnelly Electric on site. Will submit estimate.
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 14, 2013
Tax Block E,G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Received quote from Donlee Electric.
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 17, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Considering 20 Kw diesel generator
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 18, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Considering 20 Kw diesel generator
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 19, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Considering 20 Kw diesel generator
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 20, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 80's

- Baseline air monitoring

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Tom Dickson

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 8:00pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed baseline air monitoring in Block E.

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.
- Electric hookup for office trailers. Considering 20 Kw diesel generator
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 21, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection. quote from Donlee Electric.
- Block G gate upgrades. Acquiring estimate from Long Fence.
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 24, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 93

- E&S maintenance

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 – F250 Pickup truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Tom Dickson
Dawn Monico

Lockheed Martin : John Morgan

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold

Other: *Baltimore County*
Jim Brendel, (County E&S Inspector)

HEALTH & SAFETY TOPICS OR ISSUES:

- Extreme Heat

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 6:00pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech setup real time air monitoring equipment and established monitoring locations in Block E

PLANNED 3 DAY SCHEDULE

- Kickoff Meeting, (6/25/13)

- Block G
  Adjust super silt fence

- Block E
  Begin pavement removal
  Soil excavation

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection.

  The Baltimore County E&S Inspection was performed by Jim Brendel today:

  Block E received unconditional approval.
  Block G received conditional approval upon which the super silt fence is to be installed with a 24" horizontal anchor. Elite Environmental will address this tomorrow. Jim Brendel will return Wednesday 6/25/13 for inspection.

- Electric hookup for office trailers. Follow up with LMC on generator
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 25, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 94

- E&S maintenance in Block G
- On Site Kickoff meeting

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	0
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Tom Dickson

Lockheed Martin : NA

CDM: Dean Costello
Steve Holmes

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold

American Waste Management Services, Inc.
Doug Rutherford

Other: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Extreme Heat

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 6:30pm

SAMPLING, TESTING, ANALYTICAL DATA

-

PLANNED 3 DAY SCHEDULE

- Block E
  Begin pavement removal
  Soil excavation

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection

  The Baltimore County E&S Inspection was performed by Jim Brendel today:
  Block E received unconditional approval.
  Block G received conditional approval upon which the super silt fence is to be installed with a 24" horizontal anchor. Elite Environmental will address this tomorrow. Jim Brendel will return Wednesday 6/25/13 for inspection.

- Electric hookup for office trailers. Follow up with LMC on generator
- Utility mark out for office trailer hurricane straps installation

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 26, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 92

- Hookup electric site construction trailers
- Soil remediation excavation in Block E
- E&S Follow up inspection in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	TBD CY	0
Soil Disposal	3 loads	3
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE
Tetra Tech: Ken Jeffery
Walt Pryor
Tom Dickson

Lockheed Martin : NA

CDM: Dean Costello
Steve Holmes

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold

American Waste Management Services, Inc.
Doug Rutherford

Other: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Extreme Heat

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 6:00pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tertra Tech performed air monitoring and air sampling in Block E in conjunction with the soil remedial excavation.

PLANNED 3 DAY SCHEDULE

- Block E
  Begin pavement removal
  Resume soil excavation

Status of Outstanding Issues and Action Items

- E&S Baltimore County inspection
  The Baltimore County E&S Re-Inspection was performed by Jim Brendel today
- Elite Environmental delivered and hooked up the generator to the site construction trailers. Secondary containment is in place.
- Utility mark out for office trailer hurricane straps installation completed. Mini Mobile will be on site the week of July 8th to set the straps.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT June 27, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 90

- Soil remediation excavation in Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	TBD CY	0
Soil Disposal	3 loads	6
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Tom Dickson

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold

Other:

HEALTH & SAFETY TOPICS OR ISSUES:

- Extreme Heat

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 6:00pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tertra Tech performed air monitoring & air sampling in Block E in conjunction with the soil remedial excavation.

PLANNED 3 DAY SCHEDULE

- Block E
  Resume soil excavation In Block E

- Survey soil excavations in Block E

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.
DAILY CONSTRUCTION REPORT June 28, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** N/A

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	TBD CY	0
Soil Disposal	3 loads	6
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

Other: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

NA

PLANNED 3 DAY SCHEDULE

- Block E
  Resume soil excavation In Block E

- Survey soil excavations in Block E

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.
DAILY CONSTRUCTION REPORT July 1, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 84

- Soil remediation excavation in Block E
- Broke up approximately 115 s.f. of existing pavement. Left in place.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	TBD CY	0
Soil Disposal	7 loads	13
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator
1 – Deere Front End Loader

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Mike Martin

Lockheed Martin : Tom Blackman

CDM Smith: Steve Holmes

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Sean Weber
Joe Green

Other: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Humidity and heavy excavation equipment

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:35 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tertra Tech performed air monitoring in Block E in conjunction with the soil remedial excavation.

PLANNED 3 DAY SCHEDULE

- Block E
  Resume soil excavation In Block E
  Survey soil excavations in Block E

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.
DAILY CONSTRUCTION REPORT July 2, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Cloudy**/ 84 /pm shower

- Soil remediation excavation in Block E
- Broke up approximately 750 s.f. of existing pavement. Left in place.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	TBD CY	0
Soil Disposal	5 loads	18
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator
1 – Deere Front End Loader

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Chris Pike
Tony Appanavage

Lockheed Martin : Jimmy Yeager
Lanette Drake

CDM Smith: Steve Holmes

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Sean Weber
Joe Green

Subcontractors, (cont'd) American Waste Management
Doug Rutherford
Brett Walquist, (Waste Management)

Other: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Health and Safety meeting was held at 7:00 am. Topics included: Slips, trips falls, & heavy excavation equipment.
- LMC H & S Representatives Lanette Drake and Jimmy Yeager visited the site today to perform LMC's H&S audit.
- Truck driver for U.S. Bulk Transport, Inc. was reprimanded for observing his truck being loaded from sitting on the bedrail. Tetra Tech's subcontractor, American Waste management was immediately notified. This driver has been removed from future activities at the site.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:00 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tertra Tech performed air monitoring in Block E in conjunction with the soil remedial excavation.

PLANNED 3 DAY SCHEDULE

- Block E
  Resume soil excavation In Block E
  Survey soil excavations in Block E

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.
DAILY CONSTRUCTION REPORT July 3, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Cloudy / 86 / afternoon showers

- Soil remediation excavation in Block E, Area A
- Survey excavations in Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	TBD CY	0
Soil Disposal	3 loads	21
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator
1 – Deere Front End Loader

PERSONNEL ON SITE

Tetra Tech: Walt Pryor
Chris Pike
Tony Appanavage
Russ Burchfield
Tom Kimmel

Lockheed Martin : Jimmy Yeager

CDM Smith: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Sean Weber
Joe Green

Other: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Health and Safety meeting was held at 7:00 am. Topics included: Weather & truck safety.
- LMC H & S Representative Jimmy Yeager visited the site today to attend the daily site safety meeting.
- Work was shut down in the afternoon due to thunderstorms.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 2:30 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tertra Tech performed air monitoring in Block E in conjunction with the soil remedial excavation.

PLANNED 3 DAY SCHEDULE

- Block E
  Resume soil excavation In Block E
  Survey soil excavations in Block E

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 4, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site. Holiday

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	21
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 5, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	21
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 8, 2013
Tax Block E, G & I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: NA**

- No work performed today. No personnel on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	0 loads	21
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

HEALTH & SAFETY TOPICS OR ISSUES:

NA

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: NA

Depart Site: NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

TBD

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 9, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly cloudy / 80's / pm shower

- Soil remedial excavation in Block E.
- Survey excavations for quantities.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	2 loads	23
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	0
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator
1 – Deere Front End Loader

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Russ Burchfield

Lockheed Martin : NA

CDM: Steve Holmes

PERSONNEL ON SITE, (continued)

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

Topics included heavy equipment and humidity.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:30

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring for remedial soil excavation in Block E

PLANNED 3 DAY SCHEDULE

Excavate remaining TSCA soils in Block E.
Begin excavation of NON-HAZ soils in Block E.

Status of Outstanding Issues and Action Items

- E&S adjustments in Block G were discussed with Jim Brendel, (Balt. County E&S Inspector) during site meeting with Elite Environmental.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 10, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Humid / 90**

- Soil remedial excavation in Block E.
- Hammer Concrete in Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	12 loads, (3 TSCA, 9 Non Haz)	35
Backfill- On-site	0 CY	0
Backfill- Imported	3 loads	5
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator
1 – Deere Front End Loader

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor

Lockheed Martin : NA

CDM: Steve Holmes

PERSONNEL ON SITE, (continued)

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

Topics included Heat stress; hydration is key today with breaks as necessary.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:30

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring for remedial soil excavation in Block E

PLANNED 3 DAY SCHEDULE

Continue excavation of TSCA soils in Block E.
Continue excavation of NON-HAZ soils in Block E.
Hammer concrete in Block E

Status of Outstanding Issues and Action Items

- Elite Environmental encountered 15" RCP at inlet near the site construction trailers. The pipe has been apart at two different pipe joints for some time as revealed by the dingy coloration of the concrete. John Morgan, (LMC) was notified and will review the on site condition.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 11, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / AM Shower / 87

- Soil remedial excavation in Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	8 loads, (2 TSCA, 9 Non Haz)	46
Backfill- On-site	0 CY	0
Backfill- Imported	6 loads	11
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor

Lockheed Martin : NA

CDM: Steve Holmes

PERSONNEL ON SITE, (continued)

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

Heat exhaustion and equipment awareness.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:30

SAMPLING, TESTING, ANALYTICAL DATA

- Storms prevented air monitoring as the equipment may not be exposed to precipitation.

PLANNED 3 DAY SCHEDULE

- Continue excavation of NON-HAZ soils in Block E.

Status of Outstanding Issues and Action Items

- Elite Environmental encountered 15" RCP at inlet near the site construction trailers. The pipe has been apart at two different pipe joints for some time as revealed by the dingy coloration of the concrete. John Morgan, (LMC) was notified and will review the on site condition.
- Refresh Miss Utility for July 16th, (3 days or less prior).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 12, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Thunderstorms and showers / 77

- Soil remedial excavation in Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	8 loads, (0 TSCA, 8 Non Haz)	54
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	11
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor

Lockheed Martin : NA

CDM: Steve Holmes

PERSONNEL ON SITE, (continued)

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

Dangerous lightning wet, slippery conditions, and heavy equipment awareness. Lightning strikes at 7:00 am and 7:25 am delayed work until 7:55. No strikes observed during the duration of the work day.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 10:30 am

SAMPLING, TESTING, ANALYTICAL DATA

- Storms prevented air monitoring as the equipment may not be exposed to precipitation.

PLANNED 3 DAY SCHEDULE

- Continue excavation of NON-HAZ soils in Block E.

Status of Outstanding Issues and Action Items

- Elite Environmental encountered 15" RCP at inlet near the site construction trailers. The pipe has been apart at two different pipe joints for some time as revealed by the dingy coloration of the concrete. John Morgan, (LMC) was notified and will review the on site condition.
- Refresh Miss Utility for July 16th, (3 days or less prior).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 15, 2013
Tax Block E, Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Humid / 92

- Soil remedial excavation in Block E.
- Containerize decon water into (2) 55 gallon drums, (Block E)

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
Excavation	0 CY	0
Soil Disposal	13 loads, (0 TSCA, 13 Non Haz)	67
Backfill- On-site	0 CY	0
Backfill- Imported	0 loads	11
Erosion and Sediment Controls	Begin, (incomplete)	0

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

MATERIAL DELIVERED

Pipe

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Tony Apanavage

Lockheed Martin : John Morgan

CDM: NA

PERSONNEL ON SITE, (continued)

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Pat Curran, (PPI)

HEALTH & SAFETY TOPICS OR ISSUES:

- Water and Gatorade is provided to thee workers for hydration. Crew warned of high temperatures and humidity. Rags soaked in ice water will be made available for cooling purposes. Frequent breaks are recommended. Everyone is reminded to look out for one another.

- Health and Safety meeting will be conducted at 6:30 am beginning tomorrow to facilitate soil excavation start time of 7:00 am.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:45 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

- Continue excavation of NON-HAZ soils in Block E.
- Resume / complete HAZ soils excavation in Block E.

Status of Outstanding Issues and Action Items

- John Morgan was on site to review the 15" RCP. As requested the pipe was exposed to determine the existing condition of the pipe which has leaked for some time. John directed the pipe be repaired. Per John Morgan's request, Elite had PPI Plumbing on site to evaluate the repairs needed.

- Miss Utility Ticket refreshed today.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 17, 2013
Tax Blocks E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Humid / 96

- Soil remedial excavation in Block E., Non-Haz
- Place diversion berm in Block G as per Baltimore County Inspector's direction.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	3 Loads	31 Loads
Non-Haz Soil Disposal	18 Loads	71 Loads
Backfill- On-site	0 loads	0
Backfill- Imported	0 Loads	11
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Tony Apanavage

Lockheed Martin : NA

CDM: NA

PERSONNEL ON SITE, (continued)

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Pat Curran, (PPI)

HEALTH & SAFETY TOPICS OR ISSUES:

- Again, water and Gatorade is provided to the workers for hydration. Crew warned of high temperatures and humidity. Rags soaked in ice water will be made available for cooling purposes. Frequent breaks are recommended. Everyone is reminded to look out for one another.

- Dust will be a concern today. The crew was reminded to maintain proper controls for dust. Watering will be the means for dust control.

- Probing of fire water and storm utilities will be performed today prior to excavation in the area.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:20 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

- Continue excavation of NON-HAZ soils in Block E.
- Resume / complete HAZ soils excavation in Block E.
- Adjust Super Silt Fence, Per Baltimore County Inspector's request.

Status of Outstanding Issues and Action Items

- Upon further excavation along the 15" RCP in Block E, 2 more previously repaired joints were discovered today. These 2 additional Joints will require similar repair to previously evaluated joints.
- A UST was discovered in Block E just feet from the 15" RCP. Within Non-Haz 2' excavation the top of a 6' L x 4' diameter UST was discovered. Drilled holes were evident on the top side of the UST. Through the drilled holes water could be observed as nearly full.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 18, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Humid / 96

- Soil remedial excavation in Block E., Non-Haz

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	2 Loads	33 Loads
Non-Haz Soil Disposal	13 Loads	84 Loads
Backfill- On-site	0 loads	0
Backfill- Imported	0 Loads	11
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator
1 – Compressor and drum lid pump

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Tony Apanavage

Lockheed Martin : NA

CDM: Dean Costello

PERSONNEL ON SITE, (continued)

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Pat Curran, (PPI)

HEALTH & SAFETY TOPICS OR ISSUES:

- Again, water and Gatorade is provided to the workers for hydration. Crew warned of high temperatures and humidity. Rags soaked in ice water will be made available for cooling purposes. Frequent breaks are recommended. Everyone is reminded to look out for one another.

- Dust remains to be a concern today. The crew was reminded to maintain proper controls for dust. Watering will be the means for dust control.

- Probing of fire water and storm utilities will be performed again today prior to excavation in the area.

- During trench excavation of Non-Haz soils, 2 UST's were encountered at the proposed bottom of trench elevation, (3' below existing grade). Tetra Tech notified MDE Oil Control Program. The UST's were designated #1 & #2 in the order of discovery. The contents of UST #1 was sampled and then containerized in (10) – 55 gal. drums. Nine of which were filled to approximately 50 gal. and the 10th approximately half full. The drums were transported to the on site drum storage area located in Block E. There were no readings measured on the PID.

  UST #2 was discovered at the same elevation as UST #1. However, # 2 pegged the PID at the source. Breathing Zone readings topped at 0.2ppm. UST # 2 was covered with plywood and woven geotextile fabric then covered with native soils. Grading around the tank was done to protect from potential heavy rains. The contents of this tank were sampled today and will be pumped and containerized on site next week to await analytical results.

  The tanks measured 4' dia. X 6'L

  Tetra Tech submitted Underground Storage System Removal / Abandonment 30 Day Written Notification form.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 7:00 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

- Continue excavation of NON-HAZ soils in Block E.
- Resume / complete HAZ soils excavation in Block E.
- Adjust Super Silt Fence, Per Baltimore County Inspector's request.
- UST removal

Status of Outstanding Issues and Action Items

- Upon further excavation along the 15” RCP in Block E, 2 more previously repaired joints were discovered today. These 2 additional Joints will require similar repair to previously evaluated joints.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 19, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Humid / 95

- Soil remedial excavation in Block E., Non-Haz

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	4 Loads	88 Loads
Backfill- On-site	0 loads	0
Backfill- Imported	0 Loads	11
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Tony Apanavage

Lockheed Martin : Tom Blackman

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold

HEALTH & SAFETY TOPICS OR ISSUES:

- Again, water and Gatorade is provided to the workers for hydration. Crew warned of high temperatures and humidity. Rags soaked in ice water will be made available for cooling purposes. Frequent breaks are recommended. Everyone is reminded to look out for one another.

- Dust will be a concern again today. The crew was reminded to maintain proper controls for dust. Watering will be the means for dust control.

- Sampling of UST #2 requires monitoring for action levels. Early morning sampling will minimize Breathing zone readings.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 12:10 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring
- Tetra Tech sampled contents of UST #2. Real time monitoring was performed. Readings were below action levels.

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Frac tank delivery
- Begin trench backfill.

Block G

- Install new gates at Block G entrance.
- Adjust Super Silt Fence, Per Baltimore County Inspector's request.

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; Quote submitted from subcontractor.
- Frac tank delivery. Due Monday, 7-22-13
- UST #1 & #2 removal. Contents samples sent to lab Thursday and Friday. Notification letter to MDE to be submitted.

Block G

- Test pit to investigate groundwater elevation within the proposed swale.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 22, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Humid / 92

- Dewatering in Block E
- Super Silt Fence installation in Block G
- New gate installation in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	91 Loads
Backfill- On-site	0 loads	0
Backfill- Imported	0 Loads	11
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Tony Apanavage

Lockheed Martin : Tom Blackman

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold

HEALTH & SAFETY TOPICS OR ISSUES:

- Heavy rain over the weekend has created a muddy site. All personnel advised of slippery and sloppy conditions. Electrical hazards exist via use of pumps. Personnel reminded of proper grounding and awareness of the wet surroundings.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:05 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Begin trench backfill.

Block G

- Adjust Super Silt Fence and install berm, per Baltimore County Inspector's request.

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; Quote submitted from subcontractor.
- Removal of UST #1 $ #2 contents, (7-24-13)
- UST #1 & #2 removal. Contents samples sent to lab Thursday and Friday. Notification letter to MDE to be submitted.

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Complete Super Silt Fence and berm modifications, (7-23-13)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 23, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Humid / 88

- Dewatering in Block E
- Super Silt Fence installation in Block G
- Uncover UST #2 in preparation for contents removal

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	91 Loads
Backfill- On-site	0 loads	0
Backfill- Imported	0 Loads	11
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

- Water from weekend rain still remains in the trench excavations. The volume pumped to date is approximately 50%. Electrical hazards via use of pumps are still a concern. Personnel reminded of proper grounding and awareness of the wet surroundings.
- Removing soil cover from UST #2 required preparation for PPE upgrades. Continuous air monitoring with a PID was employed during the operation.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:15 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Begin trench backfill
- Remove contents of UST #2

Block G

- Adjust Super Silt Fence and install berm, per Baltimore County Inspector's request.

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; Contractor has approval.
- Removal of UST #1 & #2 contents, (7/24/13)
- UST #1 & #2 removal. Contents samples sent to lab Thursday and Friday. Notification letter to MDE to be submitted. Removal for both tanks is scheduled for Monday, 7/29/13

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Super Silt Fence and berm modifications are completed. Baltimore Co. inspector, Jim Brendel is on vacation. Jim Blevins of Baltimore Co., (Inspector) approved the items via telephone call.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 24, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 86

- Dewatering in Block E
- Super Silt Fence installation in Block G
- Remove contents of UST #1 & #2, (by Clean Harbors / Elite Environmental assisted)

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	91 Loads
Backfill- On-site	0 loads	0
Backfill- Imported	0 Loads	11
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE
Elite Environmental
1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu Excavator, (Rental switched out for a smaller model today).

2 – 21,000 gal. Rain for Rent tanks, (1 delivered today to accompany Monday, 7/22/13 delivery). These tanks provide containerization for trench dewatering in Block E.

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

Subcontractors, (cont'd): *Clean Harbors*
Brad Hartlett
Ronnie Honeycutt

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips and falls. Heat and hydration remain a concern with the heavy activities.
- Water from weekend rain still remains in the trench excavations. The volume pumped to date is approximately 75%. Electrical hazards via use of pumps are still a concern. Personnel reminded of proper grounding and awareness of the wet surroundings.
- Removing contents of UST #1 & #2 required preparation for PPE upgrades. Contents of both tanks are considered to be hazardous.
- Contents of UST's were containerized in labeled 55 gal.drums.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 5:15 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring at the predetermined perimeter stations.
- Continuous air monitoring with a PID was provided by Tetra Tech during contents removal of the UST's.

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Begin trench backfill
- Remove contents of UST #2

Block G

- Preparations for capping the water service.

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; Contractor has approval.
- Removal of UST #2 contents, (7/25/13)
- UST #1 & #2 removal. Contents samples sent to lab Thursday and Friday. Notification letter to MDE to be submitted. Removal for both tanks is scheduled for Monday, 7/29/13

Block G

- Test pit to investigate groundwater elevation within the proposed swale.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 25, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly** Sunny / 80

- Dewatering in Block E
- Remove contents of UST #2, (by Elite Environmental)
- Non Haz soil excavation

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	2 Loads	93 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	11
No. 57 Stone	4 Loads	5 Loads
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu Excavator, (Rental switched out for a smaller model today).

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips and falls. Heat and hydration remain a concern with the heavy activities.
- Water from weekend rain still remains in the trench excavations. The volume pumped to date is approximately 85%. Electrical hazards via use of pumps are still a concern. Personnel reminded of proper grounding and awareness of the wet surroundings.
- Removing contents of UST #2 required preparation for PPE upgrades. Contents are hazardous. Product was observed in standing water immediately adjacent to the UST.
- Contents of UST #2 was containerized in labeled 55 gal.drums.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCEDURES

- NA

WORK HOURS

Start: 7:00 am

Depart Site: 6:30 pm

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring at the predetermined perimeter stations.
- Continuous air monitoring with a PID was provided by Tetra Tech during contents removal of the UST.

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Begin trench backfill
- Remove contents of UST #2

Block G

- Preparations for capping the water service.

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; Contractor has approval.
- Removal of UST #2 contents were completed today.
- UST #1 & #2 removal. Contents samples sent to lab Thursday and Friday. Notification letter to MDE to be submitted. Removal for both tanks is scheduled for Monday, 7/29/13

Block G

- Test pit to investigate groundwater elevation within the proposed swale.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 26, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly** Sunny / 83

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	11
No. 57 Stone	0 Loads	5 Loads
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat 185 skid loader
1 - Bobcat E – 80 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 – Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).

DELIVERIES 1 – 20 CY Dumpster, (Block E)

PERSONNEL ON SITE

Tetra Tech: Walter Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Begin trench backfill
- Remove UST #1 & #2

Block G

- Preparations for capping the water service.

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; Contractor has approval.

- UST #1 & #2 removal.

Block G

- Test pit to investigate groundwater elevation within the proposed swale.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 29, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 83

- Soil Remediation Excavation – Fine grading, Non HAZ Block E
- Undercut and place No. 57 stone for Trenches, Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	11
No. 57 Stone	1 Load	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

- Utilities, Slips Trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra provided air monitoring
- Tetra Tech sampled soils at bottom and sides of trench excavations.

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Begin trench backfill
- Remove UST #1 & #2, Wednesday 7-31-13 @ 1:00 pm.
- Repair 15" RCP in Block E near MH 10

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; Contractor has approval.

- UST #1 & #2 removal.

Block G

- Test pit to investigate groundwater elevation within the proposed swale.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 30, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 83

- Soil Remediation Excavation – Fine grading, Non HAZ Block E
- Place select fill material in Trenches, Block E
- Repaired 15" RCP – 20 lf of 12" replacement PVC. Block E
- Survey bottom of trench excavations, Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	4 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	1 Loads	17
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Russ Burchfield

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

PPI, (plumbing sub contractor to Elite)
Andy Hill
Rob Hill

HEALTH & SAFETY TOPICS OR ISSUES:

- Utilities, Slips Trips and falls, trench safety, VOC readings, PPE upgrades, Action levels, awareness - as there will be many visitors on site today. Wind direction is key

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra provided air monitoring
- Tetra Tech sampled soils at bottom and sides of trench excavations.

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Remove UST #1 & #2, Wednesday 7-31-13 @ 1:00 pm.

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Repair 15 " RCP, (storm sewer) near MH-10; completed today
- UST #1 & #2 removal. Tomorrow.

Block G

- Test pit to investigate groundwater elevation within the proposed swale.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT July 31, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Sunny / 83

- Removal of UST #1 & #2
- Soil Remediation Excavation – Fine grading, Non HAZ, Block E
- Place select fill material in Trenches, Block E
- Survey bottom of trench excavations, Block
- In-place density testing of the trench select backfill, Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	1 Loads	18
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Russ Burchfield
Mike Martin
Tony Apanavage

Lockheed Martin : Tom Blackman
John Morgan
Scott Heinlein
Lynette Drake

MDE : Jenny Herman

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

Hills-Carnes, (Sub to Elite)
Rodney Trusty

MDE: Jenny Herman
Gary Scholb

HEALTH & SAFETY TOPICS OR ISSUES:

- Utilities, Slips Trips and falls.
- In light of the UST removals we discussed PPE, action levels, air monitoring, trench safety, overhead hazards, heavy equipment and its relation to trench orientation, hand signals, decon protocols, awareness of surroundings relative to visitors on site and wind direction.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra provided air monitoring
- Tetra Tech air sampled for VOC's, (To-17 VOC's)

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Sample Frac tank contents.

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Sampling of Frac tank contents
- Removal of Frac tank contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

ATTACHMENTS: MDE Tank Removal Report, (07/31/13)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 1, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Heavy AM Rain / 80

- Dewater trenches in Block E
- Soil Remediation Excavation – Fine grading, Non HAZ, Block E
- Place select fill material in Trenches, Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	4 Loads	23
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	
CR-6	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Chris Pike

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

- Electrical hazards
- Slips trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- Sample Frac #1 tank contents

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Sampling of Frac tank contents
- Removal of Frac tank contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

Partly cloudy

DAILY CONSTRUCTION REPORT August 2, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly cloudy / 84

- Sampled contents of frac tank # 1

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	22
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	90%	90%

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Electrical hazards
- Slips trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- Sample Frac #1 tank contents

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Sampling of Frac tank #2 contents
- Removal of Frac tank contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 5, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly cloudy / 79

- Dewater trenches in Block E
- Soil Remediation Excavation – Fine grading, Non HAZ, Block E
- Scarify and replace select fill material in Trenches, Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	90%	90%
CR-6	0 loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

Hills-Carnes, (Geotech Subcontractor)
Nick Stella

HEALTH & SAFETY TOPICS OR ISSUES:

- Heavy Equipment
- Slips trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- Air Monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Sampling of Frac tank #2 contents
- Removal of Frac tank contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 6, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Heavy Rain / 72

- No work performed due to weather. Elite left site at 0819

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	90%	90%
CR-6	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Walt O'Neil

Lockheed Martin : Tom Blackman
Jimmy Yeager

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

- Inclement weather
- Slips trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- Air Monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Sampling of Frac tank #2 contents
- Removal of Frac tank contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 7, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Cloudy / 81

- Dewater trenches in Block E.
- Sample soil from UST # 2 excavation and roll off containing soils excavated from UST # 2 location.
- Excavate in Block G in preparation for water line abandonment.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	90%	90%
CR-6	0 Loads	

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Mike Martin
Walt O'Neil

Lockheed Martin : NA

Armstrong & Assoc. Kay Armstrong

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- Air Monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Sampling of Frac tank #2 contents
- Removal of Frac tank contents
- Acquire approval for CR-6 for fill material to be used in trenches

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 8, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Cloudy / 86

- Water service abandonment activities.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	97 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	0 Load	6 Loads
Erosion and Sediment Controls	90%	90%
CR-6	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walter Pryor
Walt O'Neil

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips and falls
- Near Misses. Awareness and reporting procedures
- Excavation safety
-

SAMPLING, TESTING, ANALYTICAL DATA

- Air Monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Sampling of Frac tank #2 contents
- Removal of Frac tank contents
- Acquire approval for CR-6 for fill material to be used in trenches

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 10, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 83

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	1 Load	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	
CR-6	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- **Continue excavation of NON-HAZ soils in Block E, (fine grading)**
- **Resume trench backfill**
- **Pump Down Frac tank #1**

Block G

- **Preparations for capping the water service.**
- **Drilling wells**

Status of Outstanding Issues and Action Items

Block E

- **Sampling of Frac tank #2 contents**
- **Removal of Frac tank contents**
- **Acquire approval for CR-6 for fill material to be used in trenches**

Block G

- **Test pit to investigate groundwater elevation within the proposed swale.**
- **Erosion control matting and seed in Block G**

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 10, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 83

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	1 Load	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	
CR-6	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- **Continue excavation of NON-HAZ soils in Block E, (fine grading)**
- **Resume trench backfill**
- **Pump Down Frac tank #1**

Block G

- **Preparations for capping the water service.**
- **Drilling wells**

Status of Outstanding Issues and Action Items

Block E

- **Sampling of Frac tank #2 contents**
- **Removal of Frac tank contents**
- **Acquire approval for CR-6 for fill material to be used in trenches**

Block G

- **Test pit to investigate groundwater elevation within the proposed swale.**
- **Erosion control matting and seed in Block G**

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 11, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 83

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	1 Load	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	
CR-6	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac
1 – Foam Suppression System, (for UST removals)

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- **Continue excavation of NON-HAZ soils in Block E, (fine grading)**
- **Resume trench backfill**
- **Pump Down Frac tank #1**

Block G

- **Preparations for capping the water service.**
- **Drilling wells**

Status of Outstanding Issues and Action Items

Block E

- **Sampling of Frac tank #2 contents**
- **Removal of Frac tank contents**
- **Acquire approval for CR-6 for fill material to be used in trenches**

Block G

- **Test pit to investigate groundwater elevation within the proposed swale.**
- **Erosion control matting and seed in Block G**

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 12, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 88

- Delivery and setup of Double wall frac tank, (Frac tank #3).
- Dewatering trenches and containerizing in Frac Tank #3.
- Dewatering and Disposal of water in UST #2 trench and the north trench, (Clean Harbors)
- Begin disposal Frac Tank #1, (Clean Harbors)

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	0 Loads	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	2 Loads
Containerized Water Disposal	2 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 - Wacker trench roller, (Idle)
1 – Air compressor w/ Drum Vac

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : John Morgan

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

On Site: 0630
Off Site: 1715

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic and Fall Hazards

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1

Block G

- Preparations for capping the water service.
- Drilling wells

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 13, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** AM Storms / 85

- Dewatering trenches and containerizing in Frac Tank #3.
- Dewatering of water in north trench
- Place No. 57 stone in north trench bottom
- Muck out north trench

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	23
No. 57 Stone	0 Loads	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	2 Loads
Containerized Water Disposal	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator, (Rental switched out for a smaller model today).
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Air compressor w/ Drum Vac

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

On Site: 0630
Off Site: 1000

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips Trips and Falls

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1
- Backfill trenches

Block G

- Preparations for capping the water service.

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G
- Address curb stop issue for isolating water service to be abandoned. The curb stop is currently inoperable. The water authority, City of Baltimore, has been notified.
-

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 14, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Breezy / 76

- Dewatering of south trench and containerizing in Frac Tank #3.
- Backfill north trench and mid trench with CR-6
- Muck out mid trench
- Backfill NON HAZ limit of excavation 1',(West of firewater tank) with select borrow

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	93 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	2 Loads	25
No. 57 Stone	0 Loads	6 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	20 Loads	22 Loads
Containerized Water Disposal	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Air compressor w/ Drum Vac

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

On Site: 0630
Off Site: 1715

HEALTH & SAFETY TOPICS OR ISSUES:

- Truck Safety

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring, sampled soils from AST #1 Location & sampled water from TSCA Excavations A & F

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1
- Backfill trenches

Block G

- Preparations for capping the water service.

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 15, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Breezy / 76

- Dewatering of south trench and containerizing in Frac Tank #3 and #1.
- Backfill north trench and mid trench with CR-6
- Muck out mid trench
- Backfill NON HAZ limit of excavation 1',(West of firewater tank) with select borrow

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	4 Loads	97Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	6 Loads	31
No. 57 Stone	2 Loads	8 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	15 Loads	37 Loads
Containerized Water Disposal, Tankers	2 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

On Site: 0630
Off Site: 1630

HEALTH & SAFETY TOPICS OR ISSUES:

- Sink Hazards & Truck Safety

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1 & #3

Block G

- Preparations for capping the water service.

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 16, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / Breezy / 76

- Backfill South connector trench with CR-6
- Backfill NON HAZ limit of excavation 1',(West of firewater tank) with select borrow

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	4 Loads	97Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	31
No. 57 Stone	0 Loads	8 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	37 Loads
Containerized Water Disposal, Tankers	0 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

On Site: 0630
Off Site: 1230

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips Trips and Falls & Truck Safety

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1, #2 & #3

Block G

- Preparations for capping the water service.
- Place HDPE pipe for E&S

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 19, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 79

- Backfill South connector trench with CR-6
- Backfill NON HAZ limit of excavation 1',(West of firewater tank) with select borrow
- Delivery of 4900 gal. poly tank for TSCA excavation area dewatering in Block E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	4 Loads	101 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	8 Loads	39
No. 57 Stone	0 Loads	8 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	23 Loads	60 Loads
Containerized Water Disposal, Tankers	3 Loads	7 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips Trips and Falls
- Discussed the high percentage of workplace accidents at the end of the day/week/phase or end of a project.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1, #2 & #3

Block G

- Preparations for capping the water service.
- Place HDPE pipe for E&S

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 20, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 84

- Backfill South connector trench with CR-6 & Select Fill
- Backfill NON HAZ limit of excavation 1',(West of firewater tank) with select fill
- Cap water line for abandonment in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	101 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	39
No. 57 Stone	1 Loads	9 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	60 Loads
Containerized Water Disposal, Tankers	0 Loads	7 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

Principal Plumbing
Pat Curran

On Site: 0600
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips Trips and Falls
- Discussed the high percentage of workplace accidents at the end of the day/week/phase or end of a project.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring

PLANNED 3 DAY SCHEDULE

Block E
- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench backfill
- Pump Down Frac tank #1, #2 & #3

Block G
- Place HDPE pipe for E&S
- Abandon sanitary sewer, (parallel with water line abandonment.

Status of Outstanding Issues and Action Items

Block E
- Removal of Frac tank #1 & 2 contents

Block G
- Test pit to investigate groundwater elevation within the proposed swale.
- Erosion control matting and seed in Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 21, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 86

- Backfill TSCA excavation area A with Rip Rap, No. 57 stone, geotextile fabric & Select Fill, Block E
- Backfill TSCA excavation area F with, No. 57 stone & Select Fill, Block E
- Cap historical sanitary lateral for abandonment in Block G
- Place E&S HDPE pipe in Block G
- Excavate test pit in Block G, (proposed swale location, west)

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	101 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	7 Loads	46
No. 57 Stone	5 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	60 Loads
Containerized Water Disposal, Tankers	0 Loads	7 Loads
Rip Rap	2 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

On Site: 0545
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips Trips and Falls, Bio-Hazards, Heat.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring and air sampling.

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench / excavation backfill
- Pump Down Frac tank #1, #2 & #3

Block G

- Place HDPE pipe for E&S

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Erosion control matting and seed in Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 22, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 86

- Backfill TSCA excavation areas A & F with Select Fill, Block E
- Place E&S HDPE pipe in Block G
- Clean Harbors pumped Frac tank #1 to empty and begin pumping down Frac tank #2, (for disposal).

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	101 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	11 Loads	57
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	60 Loads
Containerized Water Disposal, Tankers	0 Loads	7 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Samantha Brenner

Lockheed Martin : Lynette Drake
Jennifer Cusano

CDM: Dean Costello
Cannon Silver
Steve Holmes
Vanessa Aririguzo
Michael Bogosh

Clean Harbors : Clyde M. Knight

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Doug Vann
Drew Coles
Desmond Newbold
Joe Green

Hills-Carnes
Nick Stella

On Site: 0545
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips Trips and Falls, Bio-Hazards, Heat.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech performed air monitoring and air sampling.

PLANNED 3 DAY SCHEDULE

Block E
- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench / excavation backfill
- Pump Down Frac tank #1, #2 & #3

Block G
- Place HDPE pipe for E&S
- Soil excavation for proposed swale

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Erosion control matting and seed in Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 23, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 81

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	101 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	57
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	60 Loads
Containerized Water Disposal, Tankers	0 Loads	7 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Continue excavation of NON-HAZ soils in Block E, (fine grading)
- Resume trench / excavation backfill
- Pump Down Frac tank #1, #2 & #3

Block G

- Place HDPE pipe for E&S
- Soil excavation for proposed swale

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Erosion control matting and seed in Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 26, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 87

- Excavated soil from UST #2 soil excavation. Placed in 20 cy rolloff dumpster, (lined and covered), stored on site.
- Place CR-6 fill in UST trench in Block E
- Sampled soil at UST #2 in Block E
- Drillers installed IWE-5 & IWE-6 in Block E, North Trench in Block E, North Trench
- Survey layout for Block G
- Elite relocated the Excavator to block G, Via Low Boy trailer.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	101 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	5 Loads	62
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	3 Loads	63 Loads
Containerized Water Disposal, Tankers	2 Loads	13 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt O'Neil
Russ Burchfield

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Hills-Carnes
Nick Stella

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0620
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring
- Tetra Tech sampled soils at UST #2

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation
- Pump Down Frac tanks #2 & #3

Block G

- Soil excavation for proposed swale

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1 & 2 contents

Block G

- Erosion control matting and seed in Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 27, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 84

- Place select fill & CR-6 in Block E, fine grading.
- Begin Swale excavation in Block G
- Drillers installed IWE-3 & IWE-4 in Block E, North Trench in Block E, North Trench

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	18 Loads	119 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	Loads	62
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	11 Loads	74 Loads
Containerized Water Disposal, Tankers	0Loads	11 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt O'Neil
Mike Martin
Tony Apanavage

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade
Larry Hunsberger
Jon Adelsberger

On Site: 0620
Off Site: 1720

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Traffic Safety

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E
- Resume Injection Well installation

Block G
- Soil excavation for proposed swale
- Outfall structure to be installed in swale
- Topsoiling and stabilization for proposed swale

Status of Outstanding Issues and Action Items

Block E
- Removal of Frac tank #1, 2 & 3 contents.

Block G
- Erosion control matting and seed in Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric.
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 28, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** AM shower / Mostly Sunny / 84

- Place CR-6 fill in Block E, fine grading.
- Begin Swale excavation in Block G
- Drillers installed IWE-3 & IWE-4 in Block E, North Trench in Block E, North Trench
- Clean Harbors pumped the remaining water in Frac tank #2. Frac tanks # 1,2, & 3 are now empty, except for sediment.
- Erosion control matting and seed in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	4 Loads	123 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	Loads	62
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	2 Loads	76 Loads
Containerized Water Disposal, Tankers	1 Loads	12 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Deere 450J LGP Dozer, (Delivered today)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade
Larry Hunsberger
Jon Adelsberger

Baltimore County
Jim Brendell

On Site: 0625
Off Site: 1715

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E
- Resume Injection Well installation

Block G
- Soil excavation for proposed swale
- Outfall structure to be installed in swale
- Topsoiling and stabilization for proposed swale

Status of Outstanding Issues and Action Items

Block E
- Removal of Frac tank #1, 2 & 3 contents were removed today. Liquid removal was completed today. Sediment removal to be scheduled.

Block G
- Erosion control matting and seed in Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 29, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** AM Fog / Partly Sunny / 84

- Resume Swale excavation in Block G
- Drillers installed IWE-1 & IWE-2 in Block E, North Trench in Block E, North Trench

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	6 Loads	129 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	Loads	62
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	2 Loads	76 Loads
Containerized Water Disposal, Tankers	1 Loads	12 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Deere 450J LGP Dozer, (Delivered today)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade
Larry Hunsberger
Jon Adelsberger

On Site: 0625
Off Site: 1715

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Traffic Safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E
- Resume Injection Well installation

Block G
- Soil excavation for proposed swale
- Outfall structure to be installed in swale
- Topsoiling and stabilization for proposed swale

Status of Outstanding Issues and Action Items

Block E
- Removal of Frac tank #1, 2 & 3 contents were removed today. Sediment removal to be scheduled.

Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT August 30, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Sunny / 89

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	129 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	62
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	76 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Deere 450J LGP Dozer

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation

Block G

- Soil excavation for proposed swale
- Outfall structure to be installed in swale
- Topsoiling and stabilization for proposed swale

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1, 2 & 3 contents were removed today. Sediment removal to be scheduled.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 2, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Sunny / 80

- No work performed on site today - Labor Day Holiday.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	129 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	Loads	62
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	76 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Deere 450J LGP Dozer

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation

Block G

- Soil excavation for proposed swale
- Outfall structure to be installed in swale
- Topsoiling and stabilization for proposed swale

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1, 2 & 3 contents were removed today. Sediment removal to be scheduled.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 3, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Sunny / 89

- Resume Swale excavation in Block G
- Beginexcavation for 15" RCP in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	6 Loads	135 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	62
No. 57 Stone	0 Loads	14 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	1 Load, (not ordered – returned)	76 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator with hoe ram attachment
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Deere 450J LGP Dozer, (Delivered today)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Desmond Newbold
Doug Vann

On Site: 0625
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring & air sampling

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation

Block G

- Soil excavation for proposed swale
- Outfall structure to be installed in swale
- Topsoiling and stabilization for proposed swale

Status of Outstanding Issues and Action Items

Block E

- Removal of Frac tank #1, 2 & 3 contents were removed today. Sediment removal to be scheduled.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 4, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Sunny / 83

- Resume Swale excavation in Block G
- Resume excavation and begin installation for 15" RCP in Block G
- Install IWE – 22 & 18 in Block E
- Begin Topsoil placement for swale in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	1 Loads	136 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	62
No. 57 Stone	1 Loads	15 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	2 Loads	78 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	9 Loads	9 Loads
Utility Sand	2 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Deere 450J LGP Dozer, removed from site today

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Wallt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Desmond Newbold
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0625
Off Site: 1715

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E
- Resume Injection Well installation

Block G
- Outfall structure to be installed in swale
- Topsoiling and stabilization for proposed swale

Status of Outstanding Issues and Action Items

Block E
- Removal of Frac tank #1, 2 & 3 contents were removed today. Sediment removal to be scheduled.

Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 5, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 86

- Resume installation of #57 stone bedding and 15" RCP in Block G
- Install IWE – 19 & 20 in Block E
- Install #57 Stone Base and Outfall Structure in Swale, Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	9 Loads	145 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	62
No. 57 Stone	0 Loads	15 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	1 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	9 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Wallt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0620
Off Site: 1840

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Traffic and cutting / burning safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation

Block G

- Complete grooming of topsoil in the new swale
- Seed and stabilize the topsoil for the new swale.
- Begin concrete slab removal
- Begin excavation for system trenches.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 6, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 76

- Install IWE –21 &13 in Block E
- Complete 15" RCP installation from outfall structure to CB.
- Cut access into CB for 15" RCP tie-in

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	145 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	62
No. 57 Stone	0 Loads	15 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	9 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Wallt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0620
Off Site: 1335

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Traffic and cutting / burning safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation

Block G

- Complete grooming of topsoil in the new swale
- Seed and stabilize the topsoil for the new swale.
- Begin concrete slab removal
- Begin excavation for system trenches.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 10, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Cloudy / 77

- Install SEMW 6I in Block E
- Begin backfill for 15" RCP installation from outfall structure to CB. Backfill was placed in compacted 8" Lifts, Block G
- Place concrete and clay brick at CB for 15" RCP tie-in, Block G
- Groom topsoil for new swale in Block G.
- Begin concrete slab removal at trench locations in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	5 Loads	150 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	9 Loads	71
No. 57 Stone	1 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	1 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Rented Harley Rake on site for grooming topsoil.

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Wallt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Bio Hazards and Heat

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation

Block G

- Complete grooming of topsoil in the new swale
- Seed and stabilize the topsoil for the new swale.
- Begin concrete slab removal
- Begin excavation for system trenches.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 10, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Cloudy / 86

- Complete backfill for 15" RCP installation from outfall structure to CB. Backfill was placed in compacted 8" Lifts, Block G.
- Place concrete and clay brick at CB for 15" RCP tie-in, Block G
- Groom topsoil for new swale in Block G.
- Resume concrete slab removal and begin soil removal at trench locations in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	9 Loads	159 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	71
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller
1 – Rented Harley Rake on site for grooming topsoil. Off site today.

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Wallt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Bio Hazards and Heat

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and air sampling

PLANNED 3 DAY SCHEDULE

Block E

- Resume Injection Well installation

Block G

- Complete grooming of topsoil in the new swale
- Seed and stabilize the topsoil for the new swale.
- Complete concrete slab removal
- Resume excavation for system trenches.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 11, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Cloudy / 90

- Seeded, straw mulched and placed erosion control matting in new swale, Block G
- Resume concrete slab removal and soil removal at trench locations in Block G.
-

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	6 Loads	165 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	11 Loads	82
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Russ Burchfield

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1830

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and soil sampling of the 2 eastern most trenches, Block G.

PLANNED 3 DAY SCHEDULE

Block E

- **N/A**

Block G

- Complete concrete slab removal.
- Resume excavation for system trenches.
- Begin well installation.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 12, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly Cloudy / Heavy PM Storms /82

- Resume concrete slab removal and soil removal at trench locations in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	5 Loads	170 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	8 Loads	90
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: Dean Costellp

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1530

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and soil sampling in Block G.

PLANNED 3 DAY SCHEDULE

Block E

- **N/A**

Block G

- Complete concrete slab removal.
- Resume excavation for system trenches.
- Begin well installation.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 13, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:**

- No work performed today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	170 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	90
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

Cascade Drilling
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

NA

PLANNED 3 DAY SCHEDULE

Block E

- **N/A**

Block G

- Complete concrete slab removal.
- Resume excavation for system trenches.
- Begin well installation.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 16, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Cloudy / am shower / 75

- Resume concrete slab removal and soil removal at trench locations in Block G
- Begin well installation in Block G, (IWW 34 & 35)

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	13 Loads	183 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	11 Loads	101
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Deere 320 D Skid steer
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Mike Martin

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

AMWS: John Zwahl

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety, Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and soil sampling in Block G.

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 17, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 69

- Resume concrete slab removal and soil removal at trench locations in Block G
- Begin well installation in Block G; IWW 33, and developed wells in Block E; IW21,23 & 24 and SCMW 6I)
- Received delivery of 2 system module containers for Block E and Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	8 Loads	191 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	7 Loads	108
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Russ Burchfield

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

Chesapeake Crane Service
Dan Donatelli
Tom Casey

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety, Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and soil sampling in Block G.

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 18, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 69

- Resume concrete slab removal and soil removal at trench locations in Block G
- Begin well installation in Block G; IWW 33, and developed wells in Block E; IW21,23 & 24 and SCMW 61)
- Received delivery of 2 system module containers for Block E and Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	9 Loads	200 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	21 Loads	129
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Russ Burchfield
Walt O'Neil

Lockheed Martin : NA

CDM: Dean Costello
Eric Kenney

Subcontractors: *Elite Environmental*

Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

Chesapeake Crane Service
Dan Donatelli
Tom Casey

On Site: 0630
Off Site: 1800

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety, Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and soil sampling in Block G.

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 19, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 68

- Resume concrete slab removal and soil removal at trench locations in Block G
- Begin well installation in Block G; IWW 29,30 &

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	5 Loads	205 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	129
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Doug Vann

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety, Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring, air sampling in Block G.
- Tetra Tech provided soil sampling in Block G.

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 20, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 74

- Install wells in Block G; IWW 29 (set), 28 (drilled and set), and 27 (drilled)

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	205 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	129
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - Takeuchi – 8TB325 mini-excavator
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: NA

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0700
Off Site: 1800

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety, Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- **N/A**

Block G

- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Identify origin of electrical service to be abandoned and verify power source to North American Electric

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 23, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 74

- Install wells in Block G; IWW 21 (set), 22 (set), and 20 (drilled)
- Trench Excavation in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	205 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	18 Loads	147
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	79 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety, Bio Hazards and Heat .

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring provided by Tetra Tech.

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 24, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 74

- Wells in Block G; Installed IWW18 & IWW19, and IWW20 (grout)
- Trench Excavation in Block G at Block entrance. Top with CR-6 to provide driving course for entrance and shoulder.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	205 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	2 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	2 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil
Russ Burchfield

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety, Traffic Safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Air Monitoring & sampling and Trench soil sampling performed by Tetra Tech.

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 25, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 74

- Partially developed 4 wells. Fully developed IWE 23 & 24 & SEMW-6I
- Block G trench excavation at the Block entrance

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	205 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring &sampling and trench soil sampling provided by Tetra Tech.

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 26, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 73

- Developed wells in Block E
- Site grading in Block G at existing swale.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	205 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : NA

Armstrong & Associates : Kay Armstrong
Darryl Armstrong

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring performed by Tetra Tech

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 27, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 73

- Developed wells in Block E & G, (wells in Block E are developed with the exception of UST trench wells).
  .

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	205 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring performed by Tetra Tech

PLANNED 3 DAY SCHEDULE

Block E

- **N/A**

Block G

- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development.

Status of Outstanding Issues and Action Items

Block E

- Removal of sediment from Frac tanks #1 & #2.

Block G

- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT September 30, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 74

- Installed IWW14 & 15 in Block G.
- Site grading in Block G at existing swale.
- Load out Non Haz Soil in Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	11 Loads	216 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : NA

Armstrong & Associates : Kay Armstrong
Darryl Armstrong

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring performed by Tetra Tech

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development.
- Install E&S Diversion Fence.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Confined Space Entry Plan to be sent to Jimmy Yeager for review.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 1, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 79

- Installed IWW 12 & 17 in Block G.
- Site grading in Block G at existing swale.
- Load out Non Haz Soil in Block G
- Begin Installation of E&S Diversion Fence, Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	3 Loads	219 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck
*Water Buffalo removed from site today.

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : John Morgan

CDM: Eric Kenney

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety.

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring performed by Tetra Tech

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development.
- Install E&S Diversion Fence.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 2, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 70

- Installed IWW 16, SMW 1I and 2I in Block G.
- Site grading in Block G at existing swale.
- Load out Non Haz Soil in Block G
- Begin Installation of E&S Diversion Fence, Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	2 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck
*Water Buffalo removed from site today.

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Walt O'Neil

Lockheed Martin : NA

CDM: Eric Kenney

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Joe Green
Desmond Newbold

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Trips slips and falls. Truck Safety. Traffic Safety

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring performed by Tetra Tech

PLANNED 3 DAY SCHEDULE

Block E
- **N/A**

Block G
- Continue concrete slab removal, (more encountered).
- Resume excavation for system trenches.
- Well installation and development.
- Install E&S Diversion Fence.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 3, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 81

- Completed well installation in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck
*Water Buffalo removed from site today.

PERSONNEL ON SITE

Tetra Tech: Walt O'Neil

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

Cascade Drilling
Larry Hunsberger
Jon Adelsberger

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- Air monitoring performed by Tetra Tech

PLANNED 3 DAY SCHEDULE

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Install E&S Diversion Fence.
- Begin system tubing installation

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 4, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Partly cloudy / 84

- No work performed today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	12 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

Cascade Drilling
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E
- Removal of sediment from Frac tanks #1 & #2.

Block G
- Install E&S Diversion Fence.
- Begin system tubing installation.
- Install RCP and flared end section for swale in Block G.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 7, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** PM Rain / 77

- Pumped sediment and cleaned Frac tanks #1 & #2.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	1 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Stewart Cameron

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Dennis Hayes
Desmond Newbold
Joe Green

Cascade Drilling
NA

On Site: 0630
Off Site: 1540

HEALTH & SAFETY TOPICS OR ISSUES:

Frac Tank #1 & #2 pumpdown and cleaning, (Block E):

- Confined Space Entry. Air monitoring performed by Tetra Tech and Elite Environmental Services.
- Engineering controls included open hatches and ventilation fans.
- Level C PPE implemented. SCBA provided by Elite on site at the work location.
- Harnesses were worn for entrants and backup personnel.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E
- Removal of sediment from Frac tanks #1 & #2.
- Removal Frac tanks #1 & #2 from site.

Block G
- Install E&S Diversion Fence.
- Begin system tubing installation.
- Install RCP and flared end section for swale in Block G.

Status of Outstanding Issues and Action Items

Block E
- Removal of sediment from Frac tanks #1 & #2.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 8, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Cloudy / 70

- Frac tanks #1 & #2 picked up by Rain For Rent.
- Assemble components for injection wells.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Stewart Cameron
Boris Dykin

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Dennis Hayes
Desmond Newbold
Joe Green

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips falls

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E
- On site meeting with electrician

Block G
- Begin system tubing installation.
- Install RCP and flared end section for swale in Block G.
- On site meeting with electrician

Status of Outstanding Issues and Action Items

Block E
- On site meeting with electrician

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 9, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Cloudy / 64

- Assemble components for injection wells.
- Performed assembly of IW tee and appurtenances
- Install Trash Rack for outfall structure in Block G swale.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Stewart Cameron
Boris Dykin

Lockheed Martin : John Wells

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Dennis Hayes
Desmond Newbold
Joe Green

Donlee Electric
John Sullivan, Sr.
John Sullivan, Jr.
Sean Roth

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips falls

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E
- On site meeting with electrician, (Today)

Block G
- Begin system tubing installation.
- Install RCP and flared end section for swale in Block G.
- On site meeting with electrician
- Acquire water levels for IW's to determine tubing lengths within the wells.

Status of Outstanding Issues and Action Items

Block E
- On site meeting with electrician, (Today)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 10, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Rain / 59

- Record water levels for Block G injection wells in preparation for installing system tubing.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: 0700
Off Site: 1200

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips falls

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- NA

Block G

- Resume system tubing installation.
- Install RCP and flared end section for swale in Block G.

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 11, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Rain / 66

- No work performed today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: 0700
Off Site: 1200

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- NA

Block G

- Resume system tubing installation.
- Install RCP and flared end section for swale in Block G.

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 14, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 68 / Mostly Sunny

- Resume Injection well installation In Block G, Injection wells IWW-36, 37, 38 &39

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Joe Green

On Site: 0700
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Equipment Safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- NA

Block G

- Resume system tubing installation.

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation.
- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 15, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 72 / Mostly Sunny

- Resume Injection well installation In Block G, Injection wells IWW-23, 24, 25, 26, 27, 28, & 29

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Joe Green
Gary Norris

On Site: 0700
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Equipment Safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- NA

Block G

- Resume system tubing installation.

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation.
- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 16, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 67 / Cloudy

- Resume Injection well installation In Block G, Injection wells IWW-30, 31, 32, 33, 34, & 35.
- Installed 2" electrical contingency conduit in the IWW-30, 31, 32, 33, 34, & 35 trench.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor
Chris Pike

Lockheed Martin : Dean Costello

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Joe Green
Gary Norris

On Site: 0700
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Equipment Safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E
- NA

Block G
- Resume system tubing installation.

Status of Outstanding Issues and Action Items

Block E
- Status of 6 wells remaining in Block E and associated soil excavation.
- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 17, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** 73 / Sunny

- Resume Injection well installation In Block G, Injection wells IWW-16, 17, 18, 19, 20, 21& 22.
- Installed 2" electrical contingency conduit in the IWW-16, 17, 18, 19, 20, 21& 22.trench.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Joe Green
Gary Norris

On Site: 0700
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Equipment Safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E
- NA

Block G
- Resume system tubing installation.

Status of Outstanding Issues and Action Items

Block E
- Status of 6 wells remaining in Block E and associated soil excavation.
- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 18, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 67**

- No work performed today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- NA

Block G

- Resume system tubing installation.

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation.
- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 21, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Mostly Sunny / 66

- Excavation, installation and backfill for system tubing and electrical conduits in Block E, (Trenches #5, #3 and portions of the north and south connector trenches).

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1800

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Resume system tubing installation.

Block G

- NA

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation.
- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 22, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:**

- Excavation, installation and backfill for system tubing and electrical conduits in Block E, (Trenches #5, #3 and portions of the north and south connector trenches).
- Install potable water, 1"electrical conduit and 2" contingency conduit from fire water pump house to approximately 10' south of trench #4. (This will eventually tie into the module upon determination of work scope for trench #3).

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

Donlee Electric
John Sullivan, Jr.
Dave Church
Sean Rodte
Tim Church

Hills-Carnes

On Site: 0630
Off Site: 1800

HEALTH & SAFETY TOPICS OR ISSUES:

- Twisted ankle dangers

SAMPLING, TESTING, ANALYTICAL DATA

- In-place density testing

PLANNED 3 DAY SCHEDULE

Block E

- Resume system tubing installation.

Block G

- NA

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation.
- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G).

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 23, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:**

- Excavation, installation and backfill for system tubing and electrical conduits in Block E, (Trenches #5, #3 and portions of the north and south connector trenches).
- Install potable water, 1"electrical conduit and 2" contingency conduit from fire water pump house to approximately 10' south of trench #4. (This will eventually tie into the module upon determination of work scope for trench #3).

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Komatsu PC200 LC Excavator,
1 - Volvo SD45D Roller
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Drew Coles
Desmond Newbold
Gary Norris

Hills-Carnes

On Site: 0630
Off Site: 1800

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips, trips, falls, and equipment operator safety and awareness

SAMPLING, TESTING, ANALYTICAL DATA

- In-place density testing

PLANNED 3 DAY SCHEDULE

Block E

- Grading of subgrade around the trenches and wells

Block G

- NA

Status of Outstanding Issues and Action Items

Block E

- Status of 6 wells remaining in Block E and associated soil excavation. Directive issued today complete all work associated with the exception of the UST trench, (Trench #4). All system tubing, potable water, contingent 2" conduit and 1" electrical conduits have been run within 10 feet of trench #4. This piping, tubing and conduits will be secured at their current termination points until further notice.

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 24, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Cloudy / 55

- Resume grading for topsoil in Block E, (Trench # 1, 2 & 3).

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Ken Trent
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1530

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips, trips, falls, and equipment operator safety and awareness

SAMPLING, TESTING, ANALYTICAL DATA

- In-place density testing

PLANNED 3 DAY SCHEDULE

Block E

- Grading of subgrade around the trenches and wells

Block G

- NA

Status of Outstanding Issues and Action Items

Block E

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

  Elite will move forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 25, 2013
Tax Block E Middle River Complex
Lockheed Martin CorpTech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:** Sunny / 55

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- INA

PLANNED 3 DAY SCHEDULE

Block E

- NA

Block G

- Tie-in proposed Junction Box, Flared End Section and 18" RCP to existing 15"RCP

Status of Outstanding Issues and Action Items

Block E

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

  Elite will move forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 28, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly** Cloudy / 62

- Begin installation for Stormwater Junction Box and 18"RCP in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
1 – Water Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : John Morgan

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1800

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips, trips, falls, and equipment operator safety and awareness

SAMPLING, TESTING, ANALYTICAL DATA

- In-place density testing

PLANNED 3 DAY SCHEDULE

Block E

- Clean Adler Frac tank, (Frac Tank #3)

Block G

- Stormwater installation to swale.

Status of Outstanding Issues and Action Items

Block E & G

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

  Elite will move forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

  John Morgan will contact Tom Blackman regarding this item.

Block G

- Met with John Morgan regarding ownership of the portion of Chesapeake Park Plaza @ Block G. John's preference is to avoid a utility cut. Tetra Tech and Elite Environmental will pursue directional boring for the injection well tubing (IWW's 1 – 8) and the potable water crossing.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 29, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather:**

- Resume installation for Stormwater and Flared End Section and 18"RCP in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	1 Loads	17 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
1 – Water Truck, Removed today
Trench Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1800

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips, trips, falls, and equipment operator safety and awareness

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Clean Adler Frac tank, (Frac Tank #3).

Block G

- Install stormwater to swale.

Status of Outstanding Issues and Action Items

Block E & G

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

  Elite will move forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

  John Morgan will contact Tom Blackman regarding this item.

Block G

- Met with John Morgan regarding ownership of the portion of Chesapeake Park Plaza @ Block G. John's preference is to avoid a utility cut. Tetra Tech and Elite Environmental will pursue directional boring for the injection well tubing (IWW's 1 – 8) and the potable water crossing.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 30, 2013
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: AM Rain**

- Resume installation for Stormwater and Flared End Section and 18"RCP in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips, trips, falls, and equipment operator safety and awareness

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Clean Adler Frac tank, (Frac Tank #3).

Block G

- Install stormwater to swale.

Status of Outstanding Issues and Action Items

Block E & G

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

  Elite will move forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

  John Morgan will contact Tom Blackman regarding this item.

Block G

- Met with John Morgan regarding ownership of the portion of Chesapeake Park Plaza @ Block G. John's preference is to avoid a utility cut. Tetra Tech and Elite Environmental will pursue directional boring for the injection well tubing (IWW's 1 – 8) and the potable water crossing.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT October 31, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: AM Fog**

- Grade for Stormwater flared end section and Junction Box in Block G. In addition, some general site grading was also performed.
- Clean Frac Tank # 3.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Confined space entry

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Clean Adler Frac tank, (Frac Tank #3).

Block G

- Install stormwater to swale.

Status of Outstanding Issues and Action Items

Block E & G

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

  Elite will move forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

  John Morgan will contact Tom Blackman regarding this item.

Block G

- Met with John Morgan regarding ownership of the portion of Chesapeake Park Plaza @ Block G. John's preference is to avoid a utility cut. Tetra Tech and Elite Environmental will pursue directional boring for the injection well tubing (IWW's 1 – 8) and the potable water crossing.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 1, 2013
Tax Block E Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: AM Rain**

- Remove standing water from rolloffs, verify no standing water exists i

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Drew Coles

On Site: 0700
Off Site: 1215

HEALTH & SAFETY TOPICS OR ISSUES:

- Adverse weather conditions

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Install concrete pads around wells

Block G

- Complete grading and stabilization at stormwater swale

Status of Outstanding Issues and Action Items

Block E & G

- Decision to be made regarding what shall be placed in areas which were concrete pavement or slabs prior to project startup, (Blocks E & G). With the grading upon us at this point Elite will move forward with the original scope of work which will be CR-6 in paved areas and topsoil and seeding / mulching in grass areas.

  Elite will move forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

  John Morgan will contact Tom Blackman regarding this item.

Block G

- Met with John Morgan regarding ownership of the portion of Chesapeake Park Plaza @ Block G. John's preference is to avoid a utility cut. Tetra Tech and Elite Environmental will pursue directional boring for the injection well tubing (IWW's 1 – 8) and the potable water crossing.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 4, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 51**

- General site grading in Block G.
- Prefabricate 30"x30" Forms for IWW well pads in Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	10 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris
Joe Green
Dennis Hayes

On Site: 0630
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips, trips and falls.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Grade site.
- Install IWW vaults and associated concrete pads, (excluding the north trench and the UST trench).

Block G

- Grade site.
- Install IWW vaults and associated concrete pads.
- Enviroscan to markout utilities for the proposed potable water serviceinstallation, IWW tubing (on the east side of Chesapeake Park Plaza) and associated directional boring.

Block I

- Enviroscan to markout utilities for soil excavation.

Status of Outstanding Issues and Action Items

Block E & G

- Elite is moving forward with the original scope of work regarding this item. CR-6 will be placed in concrete areas. Topsoil will be used for grass areas.

Block G

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 5, 2013
Tax Block E & G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 59**

- General site grading in Block G.
- Prefabricate 30"x30" Forms for IWW well pads in Block E.
- Installed warning tape in Block G Trenches.
- Enviroscan marked utilities for soil excavation.
- Enviroscan marked utilities for the proposed potable water serviceinstallation, IWW tubing (on the east side of Chesapeake Park Plaza) and associated directional boring. Lot # 3 also was marked for the proposed electrical service for the system module.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	1 Loads	11 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller
D5K CAT Dozer, (Delivered today)
Concrete breaker attachment for Skid Loader, (Delivered Today)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris
Joe Green
Dennis Hayes

On Site: 0630
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips, trips and falls.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block E

- Grade site.
- Install IWW vaults and associated concrete pads, (excluding the north trench and the UST trench).

Block G

- Grade site.
- Install IWW vaults and associated concrete pads.

Status of Outstanding Issues and Action Items

Block E & G

- NA

Block G

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 6, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 64**

- Install IWW vaults in Blocks E & G, (excluding the north trench and the UST trench).
- Prefabricate 30”x30” Forms for IWW well pads in Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	11 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller
D5K CAT Dozer
Concrete Breaker for Skid Steer

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Pinch points

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Blocks E&G
- Resume Installation of IWW Vaults and associated concrete pads.

Block E
- Begin Topsoiling

Status of Outstanding Issues and Action Items

- Secure shipping date for UST soil (rolloff Nos. 2049 & 3043) in Block E.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 7, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 62**

- Install IWW vaults in Blocks E & G, (excluding the north trench and the UST trench).
- Prefabricate 30"x30" Forms for IWW well pads in Block E.
- Install silt fence at the east side of the swale channel, Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	11 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller
D5K CAT Dozer
Concrete Breaker for Skid Steer

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Baltimore County: Jim Brendell

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 1630

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips , trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Blocks E&G
- Resume installation of IWW Vaults and associated concrete pads.

Block G
- Air Knife existing utilities to determine exact depths and location of electric and water.
- Excavate trench for injection wells east of Chesapeake Park Plaza.

Block E
- Resume installation of IWW vaults and associated concrete pads.

Status of Outstanding Issues and Action Items

- Secure shipping date for UST soil (rolloff Nos. 2049 & 3043) in Block E. This has been determined to occur Monday, November 11, 2013

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 8, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Sunny / Windy / 52**

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	11 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 – Mini - excavator
Trench Roller
D5K CAT Dozer
Concrete Breaker for Skid Steer

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Blocks E&G
- Resume installation of IWW Vaults and associated concrete pads.

Block G
- Air Knife existing utilities to determine depths and location of existing electric and water.
- Excavate trench for injection wells east of Chesapeake Park Plaza.
- Excavate pits for directional boring.
- Directional boring, (across Chesapeake Park Plaza), for IWW's 1-8 and water service for system module.
- As-built survey for stormwater swale.

Block Built
- Resume installation of IWW vaults and associated concrete pads.
- UST trench soil rolloffs scheduled for shipment from site Monday, 11/11/13.

Status of Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 11, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Sunny / Breezy / 57**

- Shipped rolloff nos. 2049 & 3043 off site to Veolia Environmental Services, Port Arthur, TX
- Placed concrete for IWW pads in Blocks E&G.
- As built survey for swale (Approx. 85% complete), Block G.
- Excavated trench no. 11 and installed system tubing, Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	2 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	11 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
1 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete Breaker for Skid Steer
1 - Jumping jack compactor
1 – Additional mini-excavator

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor Russ Burchfield
Lockheed Martin :	John Morgan John Wells
CDM:	Dean Costello
Subcontractors:	*Elite Environmental* Ken Trent Larry Macher Drew Coles Desmond Newbold Joe Green Gary Norris Dennis Hayes *Hills-Carnes* Perry Scruggs *Absolute Underground* Sean *Veolia Environmental Services* Phil Rilee

On Site: 0630
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic Safety

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra sampled Trench No. 11 soils, Block G
- Hills Carnes performed in place density testing

PLANNED 3 DAY SCHEDULE

Blocks E&G

- Resume installation of IWW Vaults and associated concrete pads.

Block G

- Air Knife existing utilities to determine depths and location of existing electric and water.
- Excavate trench for injection wells east of Chesapeake Park Plaza.
- Excavate pits for directional boring.
- Directional boring, (across Chesapeake Park Plaza), for IWW's 1-8 and water service for system module.
- As-built survey for stormwater swale.

Block E

- Resume installation of IWW vaults and associated concrete pads.

Status of Outstanding Issues and Action Items

- Elite Environmental encountered some terra cotta pipe remnants south of the potable fire hydrant east of Chesapeake Plaza Parkway. A piece of timber was identified above the terra cotta remnants. John Morgan responded to evaluate and was accompanied by John Wells. The terra cotta was identified as something abandoned.
- Enviroscan is to locate electric service along Chesapeake Park Plaza, (East side), from the fire hydrant (on the potable service), to the directional boring location at trench no. 11, Block G. Concerns surround the location of this service relative to the proposed potable water in this vicinity. In lieu of the west side of the road, John Morgan recommended a directional bore beneath Chesapeake Park Plaza in a westerly direction into lot #3. At this point we could continue boring or excavate an open trench. This would connect the potable water service to the system module for Block G. Final route to be determined.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 12, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / Windy / 41**

- Placed concrete for IWW vault pads in Blocks E&G.
- Completed excavation for trench no. 11 and installed system tubing, Block G
- Additional utility mark out for Chesapeake Park Plaza north of Utility trench no. 11. Miss Utility and private locators were on site. This is in response to the water service installation for Block G system module.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	11 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete Breaker for Skid Steer
1 - Jumping jack compactor
1 – Additional mini-excavator

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor
Lockheed Martin :	John Morgan John Wells
CDM:	NA
Subcontractors:	*Elite Environmental* Ken Trent Larry Macher Drew Coles Desmond Newbold Joe Green Gary Norris Dennis Hayes *Hills-Carnes* Perry Scruggs *Enviroscan* Charles Rhine

On Site: 0630
Off Site: 1750

HEALTH & SAFETY TOPICS OR ISSUES:

- Limitations of winter outdoor wear, (movement, hearing and peripheral vision).

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech sampled Trench No. 11 soils, Block G
- Hills Carnes performed in place density testing

PLANNED 3 DAY SCHEDULE

Blocks E&G
- Resume installation of IWW Vaults and associated concrete pads.

Block G
- Complete final grading for north end of swale.
- Complete trench no. 11 topsoil.

Block E
- Resume installation of IWW vaults and associated concrete pads.

Status of Outstanding Issues and Action Items

- Enviroscan is to locate electric service along Chesapeake Park Plaza, (East side), from the fire hydrant (on the potable service), to the directional boring location at trench no. 11, Block G. Concerns surround the location of this service relative to the proposed potable water in this vicinity. In lieu of the west side of the road, John Morgan recommended a directional bore beneath Chesapeake Park Plaza in a westerly direction into lot #3. At this point we could continue boring or excavate an open trench. This would connect the potable water service to the system module for Block G. Final route to be determined.
  Miss Utility and private locators were on site today to identify utilities on both sides of Chesapeake Park Plaza.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 13, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Windy / 45**

- Placed concrete for IWW vault pads in Blocks G.
- Completed topsoiling, seeding and temporary stabilization for trench no. 11, Block G

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	11 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete Breaker for Skid Steer
1 - Jumping jack compactor
1 – Additional mini-excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Drew Coles
Desmond Newbold
Joe Green
Gary Norris
Dennis Hayes

On Site: 0630
Off Site: 1715

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block G
- Complete final grading for north end of swale.
- Resume installation of IWW Vaults and associated concrete pads.

Block E
- Complete final grading for north end of swale.
- Resume installation of IWW Vaults and associated concrete pads.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Contact Baltimore County regarding daylighting water service for directional boring.
- Contact Baltimore County regarding E&S components for B lock I

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 14, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Breezy / 55**

- Placed concrete for IWW vault pads in Blocks G.
- Completed concrete pads for IWW vaults for trench no. 11, Block G
- Placed rip rap in swale, Block G.
- Begin topsoiling in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	12 Loads	23 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : John Morgan

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Joe Green
Gary Norris
Dennis Hayes

On Site: 0630
Off Site: 1615

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic safety, heavy equipment

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block G
- Complete final grading for north end of swale.
- Resume installation of IWW Vaults and associated concrete pads.
- Complete excavation for IWW tubing in trench nos. 5 & 7.

Block E
- Complete installation of the remaining IWW Vaults and associated concrete pads.
- Begin topsoiling.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Contact Baltimore County regarding daylighting water service for directional boring.
- Contact Baltimore County regarding E&S components for B lock I. Jim Brendell, Baltimore County Inspector, was on site today. He walked Block G and determined silt fence on pavement will not be necessary. The modified inlet protection will be installed per the contract drawings.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 15, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 56**

- No work performed today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	12 Loads	23 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block G
- Complete final grading for north end of swale.
- Resume installation of IWW Vaults and associated concrete pads.
- Complete excavation for IWW tubing in trench nos. 5 & 7.

Block E
- Complete installation of the remaining IWW Vaults and associated concrete pads.
- Begin topsoiling.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Contact Baltimore County regarding day lighting water service for directional boring.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 18, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Windy / 65**

Topsoiling was not performed today due to the rain form last night's storm. It is expected that today's sunshine and wind will dry the material enough to provide suitable soil conditions tomorrow.

- Stripped concrete forms for IWW vault pads in Blocks G & E.
- Excavated Trench No. 5 and installed tubing for IWW13 & IWW 14, Block G.
- Install covers for Junction Box in Block G.
- Replaced Vaults and concrete pads for existing observation wells in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	12 Loads	23 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris

On Site: 0630
Off Site: 17010

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic safety, slips trip and falls

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block G
- Complete final grading for north end of swale.
- Resume installation of IWW Vaults and associated concrete pads.
- Complete excavation for IWW tubing in trench nos. 5 & 7.

Block E
- Complete installation of the remaining IWW Vaults and associated concrete pads.
- Begin top soiling.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Contact Baltimore County regarding daylighting water service for directional boring.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 19, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Windy / 50**

- Stripped concrete forms for IWW vault pads in Blocks G & E.
- Backfilled Trench No. 5, Block G.
- Built concrete forms for observation wells in Block E and G.
- Placed and graded topsoil in Block G. Delivered 9 loads to Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	20 Loads	43 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris
Joe Green

On Site: 0630
Off Site: 1650

HEALTH & SAFETY TOPICS OR ISSUES:

- Truck traffic, slips trip and falls, cold and bio-hazards

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block G
- Complete final grading for north end of swale.
- Resume installation of IWW Vaults and associated concrete pads.
- Complete backfill for IWW tubing in trench nos. 5 & 7.
- Complete top soiling.
- Hydro-seeding and stabilization.

Block E
- Complete installation of the remaining IWW Vaults and associated concrete pads.
- Begin top soiling.
- Hydroseeding and stabilization.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Contact Baltimore County regarding day-lighting water service for directional boring.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 20, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 48**

- Placed concrete for IWW & IWE vault pads in Blocks G & E.
- Placed concrete for observation wells in Block E and G.
- Placed and graded topsoil in Block G. & E

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	43 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris
Joe Green

American Waste Management
John Zwahl

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Truck traffic, Blind spots, slips trip and falls.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block G
- Complete final grading for north end of swale.
- Complete backfill for IWW tubing in trench No. 7.
- Complete top soiling.
- Hydro-seeding and stabilization.

Block E
- Complete top soiling.
- Hydro-seeding and stabilization.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Meet on-site with George Wedge, (Inspector) regarding day-lighting water service for directional boring. (Monday, November 25, 2013.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 21, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 48**

- Dressed topsoil in preparation for seed / stabilization in Bocks E & G
- Placed rip rap for east end of swale in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	2 Loads	45 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold
Gary Norris
Joe Green

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips and falls

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Sawcut pavement for trench excavation.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Meet on-site with George Wedge, (Inspector) regarding day-lighting water service for directional boring. (Monday, November 25, 2013.)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 22, 2013
Tax Block E&G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Showers / 58**

- Clean Harbors on site and pumped contents of the 4,900 gallon poly tank.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer

PERSONNEL ON SITE

Tetra Tech: Tony Appanavage

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*

On Site: 0800
Off Site: ----

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Sawcut pavement for trench excavation.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 25, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 37**

- Block I mobilization
- Sawcut pavement

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete saw

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold

On Site: 0630
Off Site: 1620

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic / blind spots, cold weather conditions and hydration.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Sawcut pavement for trench excavation.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Meet on-site with George Wedge, (Inspector) regarding day-lighting water service for directional boring. (Monday, November 25, 2013.)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 26, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 37**

- Sawcut pavement in Block I

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete saw

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : John Morgan

CDM: Eric Kenney

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold

On Site: 0645
Off Site: 1400

HEALTH & SAFETY TOPICS OR ISSUES:

- Concrete saw safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I
- Sawcut pavement for trench excavation.
- Trench excavation, tubing installation & IWN hookups.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Meet on-site with George Wedge, (Inspector) regarding day-lighting water service for directional boring. (Monday, November 25, 2013.)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 27, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Heavy Rain / 57**

- No work performed today due to inclement weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete saw

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Sawcut pavement for trench excavation.
- Trench excavation, tubing installation & IWN hookups.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Meet on-site with George Wedge, (Inspector) regarding day-lighting water service for directional boring. (Monday, November 25, 2013.)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 28, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 39**

- No work performed today due to the Thanksgiving Holiday

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete saw

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Sawcut pavement for trench excavation.
- Trench excavation, tubing installation & IWN hookups.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Meet on-site with George Wedge, (Inspector) regarding day-lighting water service for directional boring. (Monday, November 25, 2013.)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT November 29, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 43**

- No work performed today due to the Thanksgiving Holiday

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	81 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - D5K CAT Dozer
1 - Concrete saw

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Sawcut pavement for trench excavation.
- Trench excavation, tubing installation & IWN hookups.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.
- Meet on-site with George Wedge, (Inspector) regarding day-lighting water service for directional boring. (Monday, November 25, 2013.)

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 2, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 47**

- Sawcut pavement in Block I
- Locate existing utilities via air knifing in Block I

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	1 Loads	82 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	1 Loads	3 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Trench Roller
1 - Concrete saw
1 – 6 Wheel Dump Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Concrete saw and air knifing safety.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Trench excavation, tubing installation & IWN hookups.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 3, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 52**

- Trench excavation, Block I @ IWN-6 to IWn-8*, IWN-6 to IWN-3* & IWN-4 to IWN-5.
- Tubing installation, Block I @ IWN-6 to IWN-8, & IWN-4 to IWN-5.
- Trench backfilling, Block I @ IWN-6 to IWN-8, & IWN-4 to IWN-5, (Incomplete).
  *Concrete encountered

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	82 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	3 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon, (Idle)
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : John Wells

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

On Site: 0630
Off Site: 1820

HEALTH & SAFETY TOPICS OR ISSUES:

- Utility awareness.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and Soil sampling of trenches.

PLANNED 3 DAY SCHEDULE

Block I

- Trench excavation, tubing installation & IWN hookups.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 4, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Cloudy / 50**

- Trench excavation, Block I @ IWN-5 to IWn-2, IWN-2 to IWN-1, IWN-6 to IWN-3*, IWN-3 to IWN-2(*partial) & IWN-3 westward approximately 25'.
- Tubing installation, Block I @ @ IWN-5 to IWn-2, IWN-2 to IWN-1, IWN-6 to IWN-3*, IWN-3 to IWN-2, & IWN-3 westward approximately 25'.
- Trench backfilling, Block I @ IWN-6 to IWN-8, & IWN-6 to IWN-3, (complete).
- Trench Backfilling, Block I @ IWN-4 to IWN-5, IWN-% to IWN-2, IWN-2 to IWN -1, IWN-3 to IWN -2, & IWN-3 westward approximately 25', (incomplete).

*Concrete encountered

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	1 Loads	83 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	3 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon, (Idle)
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor
Lockheed Martin :	Tom Ambrose John Wells
CDM:	NA
Subcontractors:	*Elite Environmental* Larry Macher Drew Coles Gary Norris Desmond Newbold *Hills-Carnes* Thomas Scruggs *DonLee Electric* John Sullivan, Sr. John Sullivan, Jr.

On Site: 0630
Off Site: 1715

HEALTH & SAFETY TOPICS OR ISSUES:

- Slips trips and falls.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and Soil sampling of trenches.

PLANNED 3 DAY SCHEDULE

Block I

- Trench excavation, tubing installation & IWN hookups.

Status of Outstanding Issues and Action Items

- Determine elevations for utilities located within the limits of directional boring for the system tubing and potable water service for Block G.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 5, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Sunny / 57**

- Trench excavation, Block I @ IWN-3 westward approximately 25' to behind the chemical building*.
- Tubing installation, Block I @ IWN-3 westward approximately 25' to behind the chemical building*.
- Complete trench backfilling, Block I @ IWN-4 to IWN-5, IWN-% to IWN-2, IWN-2 to IWN -1, IWN-3 to IWN -2, & IWN-3 westward approximately 25'.

*Concrete encountered

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	2Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	3 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon, (Idle)
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

On Site: 0630
Off Site: 1630

HEALTH & SAFETY TOPICS OR ISSUES:

- Pedestrian and golf cart awareness.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and Soil sampling of trenches.

PLANNED 3 DAY SCHEDULE

Block I
- Trench excavation, tubing installation & IWN hookups.
- Potable water and electric installation for equipment trailer.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 6, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 48**

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	3 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon, (Idle)
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Wet slippery surfaces.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and Soil sampling of trenches.

PLANNED 3 DAY SCHEDULE

Block I
- Trench excavation, tubing installation & IWN hookups.
- Potable water and electric installation for equipment trailer.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 9, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / Intervals of Rain / 38**

- Resume trench excavation for system tubing in Block I, continuing westward approximately 20' towards the system module tie-in location*.
- Excavated trench behind the chemical building for a 1" electrical conduit installation for the system module*

*Concrete encountered

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	3 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon, (Idle)
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

DonLee Electric
John Sullivan, Sr.

On Site: 0940
Off Site: 1640

HEALTH & SAFETY TOPICS OR ISSUES:

- Slippery conditions

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech provided air monitoring and Soil sampling of trenches.

PLANNED 3 DAY SCHEDULE

Block I
- Trench excavation, tubing installation & IWN hookups.
- Potable water and electric installation for equipment trailer.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 10, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Snow / 38**

- Elite's crew was on site today but was unable to acquire backfill materials due to the weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	16 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	3 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon, (Idle)
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

DonLee Electric
John Sullivan, Sr.

On Site: 0630
Off Site: 0800

HEALTH & SAFETY TOPICS OR ISSUES:

- Slippery conditions & appropriate attire

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Trench excavation, tubing installation & IWN hookups.
- Potable water and electric installation for equipment trailer.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 11, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 38**

- Elite Environmental Excavated a trench for the water service from the system module location westward to the tie-in at the Boiler building. The excavation ceased approximately fifteen feet shy of the boiler building. Two unmarked utilities were encountered.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	2 Loads	18 Loads
Erosion and Sediment Controls	Begin, (incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	1 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold weather hazards

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra performed air monitoring and soil sampling of utility trenches.

PLANNED 3 DAY SCHEDULE

Block I
- Trench excavation and backfill for water service.
- Potable water and electric source tie-ins in Block I.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.
- The excavation for the water service from the system module location to the tie-in at the Boiler building yielded and an encounter with two unmarked utilities. The first, a 2-1/2" steel pipe (or conduit) was encountered 24" below the existing pavement. Marcor was unable to identify what the pipe, (or conduit). Fifteen feet west another unmarked utility was encountered.

Also, a six inch terra cotta pipe identified by the plumber (Brossoit & Sons brought in by Marcor) to be part of a drain field for stormwater. Elite and Brossoit chased the pipe in an attempt to find a sound tie-in point to no avail.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 12, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly to Mostly Sunny / 30**

- Elite Environmental completed the water service trench excavation. The water line currently stubs up outside the boiler building. Principal Plumbing / Elite Environmental will re-excavate several feet of the trench from the building for the final tie-in through the exterior wall. To date all trenches are backfilled and compacted to the subbase grade for the paving section.

- Elite Environmental hauled leftover stockpiled material from Block I to Block E.

*Concrete Encountered

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor
Lockheed Martin :	John Morgan
CDM:	Dean Costello
Baltimore County:	Jim Brendell
Subcontractors:	*Elite Environmental* Larry Macher Drew Coles Gary Norris Desmond Newbold

On Site: 0630
Off Site: 1900

HEALTH & SAFETY TOPICS OR ISSUES:

- Frostbite and wind chills

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra performed air monitoring and soil sampling of utility trenches.

PLANNED 3 DAY SCHEDULE

Block I

- Place concrete pads for the IWN wells.
- Potable water and electric source tie-ins in Block I.
- Paving for Block I restoration is scheduled for Wednesday, December 18, 2013. This is weather sensitive. Scheduling adjustments may be required and will be posted here on each daily report until completed.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

- The excavation for the water service from the system module location to the tie-in at the Boiler building yielded and an encounter with two unmarked utilities. The first, a 2-1/2" steel pipe (or conduit) was encountered 24" below the existing pavement. Marcor was unable to identify what the pipe, (or conduit). Fifteen feet west another unmarked utility was encountered.
  John Morgan determined it is to be backfilled as is. Elite Environmental backfilled with No.57 stone as needed due to water infiltration with a 6" lift of CR-6 base for the pavement section.

  Also, a six inch terra cotta pipe identified by the plumber (Brossoit & Sons brought in by Marcor) to be part of a drain field for stormwater. Elite and Brossoit chased the pipe in an attempt to find a sound tie-in point to no avail.
  John Morgan was onsite today at 0915 to review the pipe in question. John escorted Ken Jeffery, (Tt) and Larry Macher, (Elite Environmental) through the tunnel form building C. No evidence of the 6" terra cotta pipe could be viewed from the tunnel. John had Frank, (Marcor) review the pipe one last time. Frank had Lockheed's plumber, Brossoit & Sons repair the pipe with a PVC tie-in. This was performed during Tt / Elite's lunch break.

- Baltimore County E&S inspector arrived on site at 1130 to inspect the outfall structure and approved his previously prescribed geotextile fabric across the weir.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 13, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Sunny / 41**

- No work performed today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Place concrete pads for the IWN wells.
- Potable water and electric source tie-ins in Block I.
- Paving for Block I restoration is scheduled for Wednesday, December 18, 2013. This remains weather sensitive. Scheduling adjustments may be required and will be posted here on each daily report until completed.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 16, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Sunny / 36**

- No work performed today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 - John Deere 320D Skid Loader. Delivered late afternoon
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Place concrete pads for the IWN wells.
- Potable water and electric source tie-ins in Block I.
- Paving for Block I restoration is scheduled for Wednesday, December 18, 2013. This remains weather sensitive. Scheduling adjustments may be required and will be posted here on each daily report until completed.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

- *Baltimore County E&S inspector arrived on site at 1130 to inspect the outfall structure and approved his previously prescribed geotextile fabric across the weir.

- Clarification: The outfall structure item inspected by Baltimore County Inspector, Jim Brendell, (12/11/13) was a sheet of non-woven geotextile fabric he directed we add to the face of the structure after its installation. This was not part of the original design. His intent was to provide another layer of assurance to prevent any sediment from exiting the swale, (into the stormwater system) prior to soil stabilization. The geotextile fabric was successful in trapping sediment but became impervious in the process. This resulted in stormwater ponding in the swale. The outfall effectively became a spillway. Jim Brendell acknowledged this during his visit and directed we remove the fabric from the outfall structure. Jim is not concerned with sedimentation at this time as he noted the vegetative cover in conjunction with the erosion control matting is adequate protection from sedimentation entering the stormwater system.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 17, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 37**

- Relocated non-haz stockpiled soils from Block I to Block G.
- Fine grade and compact utility trenches in Block I.
- Adjusted well vaults for paving in Block I.
- Power swept work area in Block I.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader with Power broom
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck
1 – Jumping Jack Compactor

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

On Site: 0630
Off Site: 1820

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold weather

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Place concrete pads for the IWN wells.
- Potable water and electric source tie-ins in Block I.
- Paving for Block I restoration is scheduled for Wednesday, December 18, 2013.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 18, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Windy / 36**

- Place vaults and concrete pads for the IWN wells.
- General Cleanup in Block I

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	13 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck. (Removed from site today.)
1 - Jumping Jack Compactor.
6 – Concrete blankets

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : John Morgan

CDM: Dean Costello

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Gary Norris
Desmond Newbold

On Site: 0630
Off Site: 1900

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold weather

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Potable water and electric source tie-ins in Block I.
- Paving for Block I restoration has been rescheduled for Thursday, December 19, 2013.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 19, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 48**

- Place hot mix hot laid bituminous concrete type 'B' and type 'C' for utility trenches in Block I.
- Decontamination of the 4,900 gallon poly tank in Block I. Removal of this tank is scheduled for some time next week.
- Clean Harbors removed the following drums:

MRC
27 drums of non-hazardous water at MRC use existing MRC non haz water profile CH673552
1 drum of non-hazardous soil at MRC use existing non haz soil profile CH673563
1 drums from your Clean Harbors hydraulic oil spill profile CH713261

MSA
12 drums of hazardous water (TCE) new profile CH723431
2 empty drums (new empty drum profile CH726089
1 MSA non haz water from dump road, profile CH673584

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	1 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	1 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	2 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van
1 - Bobcat T590 skid loader
2 - F250 Pickup truck
1 - Mini - excavator
1 - Dump Truck. (Removed from site today.)
1 - Jumping Jack Compactor.
6 - Concrete blankets
1 - Roller

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor
Lockheed Martin :	John Morgan
CDM:	Dean Costello
Subcontractors:	*Elite Environmental* Larry Macher Drew Coles Gary Norris Desmond Newbold
	GCC, (Paving Contractor) Mike Harp Brian Russo Cesar Veliz Julio Quinons Calvin

On Site: 0630
Off Site: 1700

HEALTH & SAFETY TOPICS OR ISSUES:

- Hot mix burns, site traffic (golf carts, construction equipment & automobiles).

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

Block I

- Potable water and electric source tie-ins in Block I.
- Removal of concrete blankets and barricades. Open loading docks in Block I for business Monday Morning December 23, 2013.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

Comments

The paving subcontractor GCC's tandem dump truck was denied access to the site during delivery of the hot mix for the trench paving in Block I due to an oil drip from the vehicle. Gate A security observed a drip of oil during their routine inspection prior to the truck's entry into the site. Roger Gilliam, the site's Hazmat division responded to the security officer's call to evaluate vehicle. Mr. Gilliam directed the truck be turned away. GCC's driver returned to his yard nearby for maintenance. After GCC's mechanic identified and corrected a failing oil filter gasket and power washing of the vehicle's underside, the truck returned. Mr. Gilliam re-inspected and approved entry. Mr. Gilliam and Ken Jeffery of Tetra Tech escorted the truck to the work zone to deliver the hot mix. Upon raising the bed, the truck developed a hydraulic oil leak. Elite Environmental and Mr. Gilliam were at the ready and immediately contained the hydraulic oil with absorbent pads. The load was dumped. The leak was addressed and the truck was escorted from the site by Mr. Gilliam and Ken Jeffery. GCC dispatched a smaller 6-wheel dump truck to deliver the remaining two loads without incident. Ken Jeffery immediately notified John Morgan, (LMC) and Chris Pike, (Tetra Tech) of the situation Dean Costello immediately notified Tom Blackman, (LMC).

The concrete around the well pads in Block I is installed and currently curing. The area will be opened on Monday December 23, allowing unrestricted truck access to the loading docks.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 20, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly sunny / 61**

- Remove concrete blankets from injection well pads in Block I.
- Remove construction equipment from Block I.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

1 - Box Van (Removed)
1 - Bobcat T590 skid loader (Removed)
2 - F250 Pickup truck (Removed)
1 - Mini - excavator (Removed)
1 - Jumping Jack Compactor. (Removed)
6 - Concrete blankets (Removed)

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
Drew Coles

On Site: 0700
Off Site:

HEALTH & SAFETY TOPICS OR ISSUES:

- Buddy system

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Elite will be off next week for the Christmas Holiday.
  No work will be performed on site this week.
  Rain for Rent will remove the 4,900 gallon poly tank from Block E. Date to be determined.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 23, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 61**

- Removed 4,900 gallon poly tank from Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: 0800
Off Site: 1200

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Elite will be off next week for the Christmas Holiday.
  No work will be performed on site this week.
  Rain for Rent will remove the 4,900 gallon poly tank from Block E. Date to be determined.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 24, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 38**

- Remove water from Roll off covers in Block E & G.
- Turn IWN manhole covers over in block I. These were flipped over during the concrete pour (for the pads) to maintain cleanliness to the visible finished side.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: Walt Pryor

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: 0800
Off Site: 1430

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED 3 DAY SCHEDULE

- Elite will be off next week for the Christmas Holiday.
  No work will be performed on site this week.
  Rain for Rent will remove the 4,900 gallon poly tank from Block E. Date to be determined.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 25, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 32**

- No Work Performed due to the Christmas Holiday

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will be off next week for the Christmas Holiday returning January 6, 2014. No work will be performed on site this week.
- Roll offs are scheduled for removal January 2 & 3rd, 2014. Tetra Tech is acquiring a schedule for the third roll off.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 26, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 43**

- No work performed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will be off next week for the Christmas Holiday returning January 6, 2014. No work will be performed on site this week.
- Roll offs are scheduled for removal January 2nd & 3rd, and 6th 2014.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 27, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 46**

- No work performed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will be off next week for the Christmas Holiday returning January 6, 2014. No work will be performed on site this week.
- Roll offs are scheduled for removal January 2nd & 3rd, and 6th 2014.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 30, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 47**

- No work performed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will be off next week for the New Year's Holiday returning January 6, 2014. No work will be performed by Eliteon site this week.
- Roll offs are scheduled for removal January 2nd & 3rd, and 6th 2014.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT December 31, 2013
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 44**

- No work performed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will be off next week for the New Year's Holiday returning January 6, 2014. No work will be performed by Eliteon site this week.
- Roll offs are scheduled for removal January 2nd & 3rd, and 6th 2014.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 1, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 41**

- No work performed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will be returning the week of January 6, 2014.
  No work will be performed by Elite on site this week.
- Roll offs are scheduled for removal January 2nd & 3rd, and 6th 2014.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 2, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy with late pm Snow / 37**

- S&J Trans. Removed Roll off No. 3032 from Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Roll off truck, S&J

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

S&J Transportation
George Owens

On Site: 0650
Off Site: 1145

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- The remaining, (2) roll offs are scheduled for removal January 3rd, and 6th 2014.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I. Elite will be return after the relocation of the system module is complete. No work will be performed by Elite on site this week.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to Tom Blackman for LMCPI for approval.

- Tetra Tech is pursuing an internal Lift Permit for the relocation of the system module from Block E to I.

- John Morgan is scheduling the removal of various apparatus located in Block I. At this time the apparatus occupies the module's proposed location.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 3, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Windy / 32**

- S&J Trans. Removed Roll off No. 2025 from Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Roll off truck, S&J

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

S&J Transport
George Owens

On Site: 0645
Off Site: 1100

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- The last roll off is scheduled for removal Monday, January 6th 2014.
- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I. Elite will be return after the relocation of the system module is complete. No work will be performed by Elite on site this week.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval.

- Tetra Tech is pursuing an internal Lift Permit for the relocation of the system module from Block E to I.

- John Morgan is scheduling the removal of apparatus located in Block I. At this time the apparatus occupies the system module's proposed location.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 6, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy with am rain / Windy / 48**

- S&J Trans. removed roll off No. 3036 from Block G. This was the last of 3 roll offs in this round. No roll offs remain on site at this time.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Roll off truck, S&J

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

S&J Transport
Joseph Stroup.

On Site: 0700
Off Site: 1215

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I. Elite will be return after the relocation of the system module is complete. No work will be performed by Elite on site this week.

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval.

- Tetra Tech is pursuing an internal Lift Permit for the relocation of the system module from Block E to I.

- John Morgan is scheduling the removal of apparatus located in Block I. At this time the apparatus occupies the system module's proposed location.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 7, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Windy / 15**

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I. Elite will be return after the relocation of the system module is complete. No work will be performed by Elite on site this week.

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County approved the contractor's estimate for the right-of-way agreement today.
  Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:
  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.
  The purpose of this is to provide a "settlement period".

- Tetra Tech is pursuing an internal Lift Permit for the relocation of the system module from Block E to I.

- John Morgan is scheduling the removal of apparatus located in Block I. At this time the apparatus occupies the system module's proposed location.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 8, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 30**

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I. Elite will be return after the relocation of the system module is complete. No work will be performed by Elite on site this week.

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:
  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.
  The purpose of this is to provide a "settlement period".

- Tetra Tech is pursuing an internal Lift Permit for the relocation of the system module from Block E to I.

- John Morgan is scheduling the removal of apparatus located in Block I. At this time the apparatus occupies the system module's proposed location.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 9, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 36**

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

EMCOR: Scott Lapp

Subcontractors: *Elite Environmental*
NA

Chesapeake Crane Service, Inc.
Dan Donatelli, Jr.

On Site: 1030
Off Site: 1330

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I. Elite will be return after the relocation of the system module is complete. No work will be performed by Elite on site this week.

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:
  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.
  The purpose of this is to provide a "settlement period".

- Tetra Tech is pursuing an internal Lift Permit for the relocation of the system module from Block E to I. Scott Lapp, (EMCOR) met with Ken Jeffery, (Tt) and Dan Donatelli, Jr., (Chesapeake Crane Service, Inc.) for an on-site preconstruction meeting in Block C. Pending removal of the apparatus in the work area the system module will be relocated from Block E to Block C. Target date is Wednesday, January 15, 2014.

- John Morgan is scheduling the removal of apparatus located in Block I. At this time the apparatus occupies the system module's proposed location.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 10, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 36**

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Upon clearance of some apparatus behind the Chemical Building in Block I, a crane and tractor & flatbed trailer will be scheduled for relocation of the system module from Block E to Block I. Elite will be return after the relocation of the system module is complete. No work will be performed by Elite on site this week.

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:
  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.
  The purpose of this is to provide a "settlement period".

- Tetra Tech is pursuing an internal Lift Permit for the relocation of the system module from Block E to I. Scott Lapp, (EMCOR) met with Ken Jeffery, (Tt) and Dan Donatelli, Jr., (Chesapeake Crane Service, Inc.) for an on-site preconstruction meeting in Block C. Pending removal of the apparatus in the work area the system module will be relocated from Block E to Block C. Target date is Wednesday, January 15, 2014.
  Submitted final Lift Plan and associated documents to Scott Lapp, EMCOR

- John Morgan is scheduling the removal of apparatus located in Block I. At this time the apparatus occupies the system module's proposed location.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 13, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 51**

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : Scott Lapp

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

On Site: 1030
Off Site: 1430

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- The crane is scheduled for the relocation of the system module from Block E to Block I. The date is Wednesday, January 15, 2014 pending one final signature from John Morgan, the clearing of the remaining debris in Block I and safe weather conditions.
- Elite will be on site tomorrow to perform some erosion and sediment control maintenance.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.

- Tetra Tech submitted final Lift Plan and associated documents to Scott Lapp, EMCOR on 01/10/14.
  Ken Jeffery and Scott Lapp met today on site to review the crane staging area and acquire necessary signatures for the Lift Plan.

- All but a stack of concrete blocks and wood debris remain in the crane's proposed staging area. Scott Lapp indicated he will inquire about removing these items prior to January 15, 2014.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 14, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 51**

- Elite Environmental performed maintenance on the E&S controls: Including new soil stockpiling covering and new erosion control matting for the diversion berm in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : John Morgan

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles

USIC, (BG&E Locator)
Chris Polcek

On Site: 0700
Off Site: 1250

HEALTH & SAFETY TOPICS OR ISSUES:

- Weather and footing in wet conditions

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- The crane is scheduled for the relocation of the system module from Block E to Block I. The date has been rescheduled for Thursday, January 16, 2014 due to the inclement weather forecast for Wednesday.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  Today, John Morgan indicated he presented the right-of-way agreement, (RA) for LMCPI legal review. The roadway utility cut permit has been approved by Baltimore County. Tetra Tech will submit the RA draft to Baltimore County upon completion of the legal review. The plans from the approved utility cut permit will accompany the final RA submission to Baltimore County for final approval. Ken Jeffery has a tentative meeting scheduled with Baltimore County to compile the documents for immediate submission for final approval.

- Tetra Tech submitted final Lift Plan and associated documents to Scott Lapp, EMCOR on 01/10/14.
  Ken Jeffery and Scott Lapp met today on site to review the crane staging area and acquire necessary signatures for the Lift Plan.
  John Morgan signed the Lift Permit today providing final approval of the Lift Permit for the relocation of the system module from Block E to Block I.

- All but a stack of concrete blocks and wood debris remain in the crane's proposed staging area. Scott Lapp indicated he will inquire about removing these items prior to January 15, 2014.
  Ken Jeffery visited this area today at 11:30 am. The concrete blocks have been moved however, they are not clear of the area marked for the staging area for the crane setup. Ken Jeffery sent an email to Scott Lapp, (at 11:36 am today) to ensure removal of the debris beyond the limits of the designated area.

- Elite Environmental's crew discovered the MH-9 casting in Block E has been dislodged from the manhole structure. It appears there is no damage to the manhole. Tire tracks suggest the casting was "moved" by a vehicle tire impact. Elite slid the manhole casting back to its original location. The interface surface of the manhole structure and the casting is smooth and clean suggesting there was no bond between the substrates.

- Elite Environmental's crew observed a leak in the 500,000 gallon water tank located in Block E. The leak, located approximately 4 feet from the top of the tank, is a small stream of approximately ½" in diameter and contacts the ground approximately 15 feet from the base of the tank. This places the impact point within 4 +/- feet of IW 16. "John Morgan is aware of the leak and is planning to have it repaired when the weather improves. If the stream continues, surface erosion and/or damage to the injection wells in the area are possible."

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 15, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Cloudy / 43**

- No work performed on site today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- The crane is scheduled for the relocation of the system module from Block E to Block I. The date has been rescheduled for Thursday, January 16, 2014 due to the inclement weather forecast for Wednesday.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  Today, John Morgan indicated he presented the right-of-way agreement, (RA) for LMCPI legal review. The roadway utility cut permit has been approved by Baltimore County. Tetra Tech will submit the RA draft to Baltimore County upon completion of the legal review. The plans from the approved utility cut permit will accompany the final RA submission to Baltimore County for final approval. Ken Jeffery has a tentative meeting scheduled with Baltimore County to compile the documents for immediate submission for final approval.
  Tetra Tech submitted the RA draft to Baltimore County for review. The plans from the approved utility cut permit accompanied the draft.

- All but a stack of concrete blocks and wood debris remain in the crane's proposed staging area. Scott Lapp indicated he will inquire about removing these items prior to January 15, 2014.
  Ken Jeffery visited this area today at 11:30 am. The concrete blocks have been moved however, they are not clear of the area marked for the staging area for the crane setup. Ken Jeffery sent an email to Scott Lapp, (at 11:36 am today) to ensure removal of the debris beyond the limits of the designated area.
  Scott Lapp indicated the debris in the proposed crane staging area has been cleared.

- Elite Environmental's crew discovered the MH-9 casting in Block E has been dislodged from the manhole structure. It appears there is no damage to the manhole. Tire tracks suggest the casting was "moved" by a vehicle tire impact. Elite slid the manhole casting back to its original location. The interface surface of the manhole structure and the casting is smooth and clean suggesting there was no bond between the substrates.

- Elite Environmental's crew observed a leak in the 500,000 gallon water tank located in Block E. The leak, located approximately 4 feet from the top of the tank, is a small stream of approximately ½" in diameter and contacts the ground approximately 15 feet from the base of the tank. This places the impact point within 4 +/- feet of IW 16. "John Morgan is aware of the leak and is planning to have it repaired when the weather improves. If the stream continues, surface erosion and/or damage to the injection wells in the area are possible."

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 16, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sun / 40**

- Relocated the system module from Block E to Block I

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Crane
3500 pickup with 45’ low trailer
3500 pickup

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: Dean Costello

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Chesapeake Crane
Dan Donatelli
Tom Casey
Don Shrader

On Site: 0630
Off Site: 1220

HEALTH & SAFETY TOPICS OR ISSUES:

- Crane Safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will begin electrical tie-in for the System Module in Block I on Monday. January 20, 2014.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will begin tubing tie-ins for water and injection wells in Block I.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:
  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.
  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  Today, John Morgan indicated he presented the right-of-way agreement, (RA) for LMCPI legal review. The roadway utility cut permit has been approved by Baltimore County. Tetra Tech will submit the RA draft to Baltimore County upon completion of the legal

review. The plans from the approved utility cut permit will accompany the final RA submission to Baltimore County for final approval. Ken Jeffery has a tentative meeting scheduled with Baltimore County to compile the documents for immediate submission for final approval.
Tetra Tech submitted the RA draft to Baltimore County for review. The plans from the approved utility cut permit accompanied the draft.

- Elite Environmental's crew observed a leak in the 500,000 gallon water tank located in Block E. The leak, located approximately 4 feet from the top of the tank, is a small stream of approximately ½" in diameter and contacts the ground approximately 15 feet from the base of the tank. This places the impact point within 4 +/- feet of IW 16. "John Morgan is aware of the leak and is planning to have it repaired when the weather improves. If the stream continues, surface erosion and/or damage to the injection wells in the area are possible." The leak has been repaired.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 17, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sun / 47**

- No work performed today

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will begin electrical tie-in for the System Module in Block I on Monday. January 20, 2014.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will begin tubing tie-ins for water and injection wells in Block I.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today.
  Baltimore County has approved the contractor's estimate for the right-of-way agreement.
  Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:
  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.
  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  Today, John Morgan indicated he presented the right-of-way agreement, (RA) for LMCPI legal review. The roadway utility cut permit has been approved by Baltimore County. Tetra Tech will submit the RA draft to Baltimore County upon completion of the legal review. The plans from the approved utility cut permit will accompany the final RA submission to Baltimore County for final approval. Ken Jeffery has a tentative meeting scheduled with Baltimore County to compile the documents for immediate submission for final approval.
  Tetra Tech submitted the RA draft to Baltimore County for review. The plans from the approved utility cut permit accompanied the draft.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 20, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sun / 54**

- Block I system module; Install rigid conduit from the source panel to the disconnect box. Installed flexible weatherproof conduit from the disconnect box to the module. Pulled wire from the source panel to the circuit breaker panel inside the module.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

2 vans

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : John Morgan

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
John Sullivan Sr.
John Sullivan, Jr.
Sean Rothe

On Site: 0700
Off Site: 1530

HEALTH & SAFETY TOPICS OR ISSUES:

- Lockout / Tagout

SAMPLING, TESTING, ANALYTICAL DATA

- NA

***PLANNED SCHEDULE**

- Donlee Electric will continue electrical tie-in for the System Module in Block I on Wednesday. January 22, 2014.
- Donlee Electric has scheduled a private locator to locate the utilities in Lot #3 to for u/g electric installation to Block G system module.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will begin tubing tie-ins for water and injection wells in Block I Wednesday, January 22, 2014.

*Winter storm Janus may delay activities.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:
  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.
  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  The RA draft is currently under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 21, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Snow /36**

No work performed on site due to inclement weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

2 vans

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

***PLANNED SCHEDULE**

- Donlee Electric will continue electrical tie-in for the System Module in Block I on Monday January 28, 2014.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will begin tubing tie-ins for water and injection wells in Block I Monday, January 28, 2014.

  *Due to site conditions and projected extreme low temperatures no work will be performed until Monday, January 22, 2014.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  The RA draft is currently under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 22, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 18**

No work performed on site due to inclement weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

***PLANNED SCHEDULE**

- Donlee Electric will continue electrical tie-in for the System Module in Block I on Monday January 28, 2014.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will begin tubing tie-ins for water and injection wells in Block I Monday, January 28, 2014.

  *Due to site conditions and projected extreme low temperatures no work will be performed until Monday, January 22, 2014.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  The RA draft is currently under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 23, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 26**

No work performed on site due to inclement weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

***PLANNED SCHEDULE**

- Donlee Electric will continue electrical tie-in for the System Module in Block I on Monday January 27, 2014.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will begin tubing tie-ins for water and injection wells in Block I Monday, January 27, 2014.

  *Due to site conditions and projected extreme low temperatures no work will be performed until Monday, January 27, 2014.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  The RA draft is currently under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 24, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 21**

No work performed on site due to inclement weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

***PLANNED SCHEDULE**

- Donlee Electric will continue electrical tie-in for the System Module in Block I on Tuesday January 28, 2014.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will begin tubing tie-ins for water and injection wells in Block I Tuesday, January 28, 2014. Elite has training scheduled.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  The RA draft is currently under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 27, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 46**

No work performed on site due to inclement weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: Dean Costello

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

On Site: 0730
Off Site: 1200

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

***PLANNED SCHEDULE**

- Donlee Electric will continue electrical tie-in for the System Module in Block I when the weather permits.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will be in Block E cleaning their storage trailer
- Elite will resume work in Block I when weather permits.
- Jim Brendell is scheduled to meet with Ken Jeffery on site in Block E to evaluate the removal of silt fence on pavement. This activity will aid in the removal of the office trailers.

Status of New and Outstanding Issues and Action Items

- Tetra Tech is acquiring a Baltimore County permit to trench across Chesapeake Park Plaza for IWW-1 thru IWW-8 tubing and the potable water service for the equipment module. In association with the permit a right-of-way agreement is required by Baltimore County. Tetra Tech is pursuing the agreement and will forward it to John Morgan for LMCPI for approval. Baltimore County approved the contractor's estimate today. Baltimore County has approved the contractor's estimate for the right-of-way agreement. Baltimore County requires the roadway repair adheres to their standard Plate R-38 which states:

  STAGE 1 - Temporary 90 day pavement repair.
  STAGE 2 - Permanent pavement repair may be executed after the 90 day temporary repair.

  The purpose of this is to provide a "settlement period".
  Tetra Tech forwarded the draft to Tom Blackman January 9, 2014. Tom Blackman forwarded it to John Morgan that same day. Ken Jeffery will follow up with John Morgan tomorrow.
  The RA draft is currently under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 28, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 21**

- Elite was on site with the intent to work but found it to be too cold to work effectively.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
Lenny Brossoit

On Site: 0912
Off Site: 1245

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold weather

SAMPLING, TESTING, ANALYTICAL DATA

- NA

***PLANNED SCHEDULE**

- Donlee Electric will continue electrical tie-in for the System Module in Block I Monday February 3, 2014 weather permitting.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will be in Block E cleaning their storage trailer
- Elite will resume work in Block I when Monday February 3, 2014 weather permitting.

Status of New and Outstanding Issues and Action Items

- Ken Jeffery picked up the signed RA at John Morgan's office. The RA draft is still under review with Baltimore County.
- Removal of office trailers in Block E. Contingent upon the removal of silt fence on pavement, (or temporary removal if necessary) and removal of trailers' contents. Yesterday's on site meeting with Baltimore County E&S inspector, Jim Brendell, determined the Block E silt fence on pavement shall stay in place until we achieve stabilization. Elite will temporarily remove a section to permit access for the removal of the site trailers.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 29, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 23**

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue electrical tie-in for the System Module in Block I Thursday January 30, 2014 weather permitting.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume work in Block I when Monday February 3, 2014 weather permitting.

Status of New and Outstanding Issues and Action Items

- Ken Jeffery picked up the signed RA at John Morgan's office. The RA draft is still under review with Baltimore County.
- Removal of office trailers in Block E. Contingent upon the removal of silt fence on pavement, (or temporary removal if necessary) and removal of trailers' contents. Yesterday's on site meeting with Baltimore County E&S inspector, Jim Brendell, determined the Block E silt fence on pavement shall stay in place until we achieve stabilization. Elite will temporarily remove a section to permit access for the removal of the site trailers.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 30, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 28**

- Donlee Electric continued the electric tie in for Block I system module.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

(1) Van

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
John Sullivan, Jr.

Principle Plumbing
NA

On Site: 0745
Off Site: 1450

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold Weather conditions, exposure

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block I system module.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume work in Block I when Monday February 3, 2014 weather permitting.

Status of New and Outstanding Issues and Action Items

- Ken Jeffery picked up the signed RA at John Morgan's office. The RA draft is still under review with Baltimore County.
- Removal of office trailers in Block E. Contingent upon the removal of silt fence on pavement, (or temporary removal if necessary) and removal of trailers' contents. Yesterday's on site meeting with Baltimore County E&S inspector, Jim Brendell, determined the Block E silt fence on pavement shall stay in place until we achieve stabilization. Elite will temporarily remove a section to permit access for the removal of the site trailers.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT January 31, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 40**

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block I system module.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume work in Block I when Monday February 3, 2014 weather permitting.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 3, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain and Snow / 37**

- No work performed on site today.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block I system module.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume work in Block I when Monday February 3, 2014 weather permitting.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 4, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Sunny / 36**

- Elite Environmental and Principle Plumbing ran the IWN tubing and potable water service into the module in Block I.
- Elite installed the tubing protective exterior casing, insulation and heat trace.
- Elite cut the well casings and grouted the well vaults for IWN – 1, 2, 3, 4, 5 & 6.
- Elite continued the water service run into the boiler room building.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE
Box Van
Portable Generator
Portable Compresser

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: Dean Costello

EMCOR: NA

Subcontractors: *Elite Environmental*
Larry Macher
Drew Coles
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
Patrick Curran

On Site: 0715
Off Site: 1750

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold Weather / Exposure

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block I system module.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Ken Jeffery emailed John Morgan regarding a leak in the 500,000 gal.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 5, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 43**

- No work performed today due to weather.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE
NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block I system module.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Removal of construction trailers next week, (Block E).

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 6, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 36**

- Elite blew air through the IWN lines, (Block I) to correlate the tubing ends in the system module with each injection well. The tubing ends were tagged with the injection well number and the tubing was marked with permanent marker.
- Elite replaced the well vault and replaced the concrete pad for existing monitoring well MW 76B. (The well vault and concrete were damaged during construction with the mini excavator.)
- Elite assembled the well heads for all IWN's, (Block I), with the exception of IWN – 3 & 7. Elite's casing cutter failed, (today) prior to cutting these last two well casings. A replacement could not be obtained today.
- Principle Plumbing connected the system module water service .to the source in Building G, (Boiler room) in Block I.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Portable Generator

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor
Lockheed Martin :	NA
CDM:	Dean Costello
EMCOR:	NA
Subcontractors:	*Elite Environmental* Larry Macher Drew Coles Desmond Newbold
	Donlee Electric NA
	Principle Plumbing Patrick Curran

On Site: 0700
Off Site: 1645

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold & Exposure

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block I system module.
- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Removal of construction trailers, (Block E).
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E. and the connection within the module in block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 7, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 36**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Removal of construction trailers, (Block E).
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E. and the connection within the module in block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 8, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 30**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Removal of construction trailers, (Block E).
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E. and the connection within the module in block I.
- Donlee Electric to complete Block G electrical installation.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 9, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 30**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Removal of construction trailers, (Block E).
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E. and the connection within the module in block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 10, 2014
Tax Blocks I and G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 28**

- Begin baseline sampling for tracer test and performance monitoring.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick up truck
Sampling equipment

PERSONNEL ON SITE

Tetra Tech: Josh Mullis

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Cold; slip, trip, fall

SAMPLING, TESTING, ANALYTICAL DATA

- Sampled one well in Block G.

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Removal of construction trailers, (Block E).
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E and the connection within the module in Block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 11, 2014
Tax Blocks I and G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 30**

- Continue baseline sampling for tracer test and performance monitoring.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick-up truck
Sampling equipment

PERSONNEL ON SITE

Tetra Tech: Josh Mullis

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Slip. Trip, fall

SAMPLING, TESTING, ANALYTICAL DATA

- Sampling of four wells (two in Block G and 2 in Block I)

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Removal of construction trailers, (Block E).
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E and the connection within the module in Block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 12, 2014
Tax Blocks I and G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / 28**

- Continue baseline sampling for tracer test and performance monitoring.
- Removed office trailers from the site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick-up truck
Sampling equipment
Box van
Trucks to remove trailers

PERSONNEL ON SITE

Tetra Tech: Josh Mullis
Walt Prior

Lockheed Martin : NA

CDM: Dean Costello

EMCOR: NA

Subcontractors: *Elite Environmental*
Larry Macher
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Slip. Trip, fall
- Heavy equipment (trailer removal)

SAMPLING, TESTING, ANALYTICAL DATA

- Sampling of four wells (three in Block 1 and 1 in Block G)

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E and the connection within the module in Block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 13, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Snow / 36**

- No work due to snowy conditions

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E and the connection within the module in Block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 14, 2014
Tax Block I Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly cloudy / 48**

- No work due to snowy conditions on ground.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Elite will resume the water service tie in and well head construction in Block I. Weather permitting.
- Principle Plumbing will connect the water service for the system module inside the fire water pump house in Block E and the connection within the module in Block I.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT February 15 through March 9, 2014
Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK

- No work performed on site during this period due to inclement weather and bad site conditions.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 10, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 55**

- Sent air through lines at 18 wells to ensure they are clear and properly labeled
- Installed piping at 16 well heads; 13 well heads contained water and were emptied.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick-up truck
Box van

PERSONNEL ON SITE

Tetra Tech: Tony Apanavage

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Slip. Trip, fall

SAMPLING, TESTING, ANALYTICAL DATA

- None

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installation.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Broken flow totalizer found in Block G container; replacement has been ordered.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 11, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 65**

Continued tubing indentification and well head installation.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick-up truck
Box van

PERSONNEL ON SITE

Tetra Tech: Tony Apanavage

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Slip. Trip, fall

SAMPLING, TESTING, ANALYTICAL DATA

- None

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installation on Friday March 14.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Broken flow totalizer found in Block G container; replacement has been ordered.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 12, 2014
Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 68**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installations in Block E.
- Complete electrical installation in Block G.

Status of New and Outstanding Issues and Action Items

- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 13, 2014
Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 33**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installations in Block E.
- Complete electrical installation in Block G.

Status of New and Outstanding Issues and Action Items

- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 14, 2014
Tax Blocks E and G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 52**

Continued tubing identification and well head installation, primarily in Block E.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick-up truck
Box van

PERSONNEL ON SITE

Tetra Tech: Walt Pryor

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Ken Trent
Larry Macher
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Slip. Trip, fall

SAMPLING, TESTING, ANALYTICAL DATA

- None

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installations in Block E.
- Complete electrical installation in Block G.

Status of New and Outstanding Issues and Action Items

- Broken flow totalizer found in Block G container; replacement has been ordered.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 17, 2014
Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Snow / 32**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installations in Block E.
- Complete electrical installation in Block G.

Status of New and Outstanding Issues and Action Items

- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 18, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 44**

- Continued tubing identification and well head installation. In Block E and along Chesapeake Park Plaza.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick-up truck
Box van

PERSONNEL ON SITE

Tetra Tech: Walt Pryor

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Larry Macher
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Slip. Trip, fall

SAMPLING, TESTING, ANALYTICAL DATA

- None

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installation on Friday March 21.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Broken flow totalizer found in Block G container; replacement has been ordered.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 19, 2014
Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 44**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installations in Block E.
- Complete electrical installation in Block G.

Status of New and Outstanding Issues and Action Items

- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 20, 2014
Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / 55**

- No work completed.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

None

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

Principle Plumbing
NA

NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.
- Complete well head installations in Block E.
- Complete electrical installation in Block G.

Status of New and Outstanding Issues and Action Items

- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 18, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Cloudy / 44**

- Completed well head installation along Chesapeake Park Plaza and in Block I.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Pick-up truck
Box van

PERSONNEL ON SITE

Tetra Tech: Walt Pryor

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Larry Macher
Desmond Newbold

Donlee Electric
NA

Principle Plumbing
NA

HEALTH & SAFETY TOPICS OR ISSUES:

- Slip. Trip, fall

SAMPLING, TESTING, ANALYTICAL DATA

- None

PLANNED SCHEDULE

- Elite will execute the utility road crossing upon approval of the Baltimore County permit and the right-of-way agreement.

Status of New and Outstanding Issues and Action Items

- The right-of-way agreement remains under review with Baltimore County.
- Broken flow totalizer found in Block G container; replacement has been ordered.
- Poor drainage in Block I has resulted in water ponding on IWN-6 & IWN 7. As required inlet protection is in place at this time. The result is ponding water on IWN-6 & IWN-7. The inlet protection has contributed minimally to the condition. The pipe invert for the existing drainage system *appears* to be at a higher elevation than the surrounding drainage area.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT March 22 through April 6, 2014
Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK

- No work performed on site during this period awaiting road crossing permit

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 7, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Rain / 43**

- GCC provided maintenance of traffic for utility crossing to Block G.
- B&J Construction saw cut the pavement to its full 9" depth.
- Elite Environmental air knifed and hand excavated to reveal the existing water service in the roadway.
- Principle Plumbing identified the existing water main as 6" ductile iron pipe.
- Elite Environmental unrolled the pex tubing for the injection wells in preparation for installation through roadway cut to be performed tomorrow.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	2 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Air Knife
Bobcat E26 mini excavator
Bobcat T590 skid loader

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor
Lockheed Martin :	NA
CDM:	Dean Costello
EMCOR:	NA
Subcontractors:	*Elite Environmental* Larry Macher Desmond Newbold Gary Norris *GCC* Mike Harp Evilio Martinez Adam Tamarro *B&J Construction* Carlos Gomez *Donlee Electric* NA *Principle Plumbing* Lenny Brossitt

On Site: 0655
Off Site: 1250

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic Safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module.
- Elite will install the pex tubing across Chesapeake Park Plaza Tuesday, 4/8/14.

- Principle Plumbing will perform the wet tap to the water main in Chesapeake Park Plaza, Tuesday, 4/8/14.
- Elite will load out the Block G soil stockpiles on Thursday, 4/10/14 through Monday, 4/14/14?

Status of New and Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 8, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: AM Clouds/ PM Sun and Wind / 62**

- GCC provided maintenance of traffic for utility crossing to Block G.
- Elite Environmental excavated the utility trench and installed the pex tubing for IWWs 1-8 and the existing water service in the roadway. Antron provided the wet tap and Principal Plumbing installed the service tee, corporation stop, curb stop and appurtenances. Elite Environmental backfilled to top of pavement.
- DonLee Electric installed a junction box in Lot #3 for the electric for the Block G system module.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	2 Loads, (yesterday)	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Load	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	2 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Bobcat E26 mini excavator
Bobcat T590 skid loader

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery Walt Pryor
Lockheed Martin :	John Morgan
CDM:	Dean Costello
EMCOR:	Scott Lap

Subcontractors:

Elite Environmental
Larry Macher
Desmond Newbold
Gary Norris
Joe Green

GCC
Tracy Cochran
Evilio Martinez
Adam Tamarro
Charles Bull

Antron
Daniel Heilman

Donlee Electric
John Sullivan, Jr.

Principle Plumbing
Lenny Brossitt
Pat Curran

On Site: 0700
Off Site: 1750

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic Safety and equipment awareness.

SAMPLING, TESTING, ANALYTICAL DATA

- Tetra Tech acquired soil samples from the utility trench.

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module.
- Elite will continue installing the pex tubing within Block G for the tie-in to the system module tomorrow.
- Elite will load out the Block G soil stockpiles on Thursday, 4/10/14 and Friday, 4/11/14.
- GCC will pave the utility cut Thursday, 4/10/14 or Friday 4/11/14.

Status of New and Outstanding Issues and Action Items

- Block G is showing signs of germination of the vegetative cover. This shall be monitored to assure adequate coverage.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 9, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Partly Cloudy / Breezy / 63**

- GCC provided maintenance of traffic and installed the pavement patch for the utility crossing across Chesapeake Park Plaza to Block G.
- Elite Environmental excavated the utility trench and installed the pex tubing in Block G.
- DonLee Electric installed a junction box in Lot #3 for the electric for the Block G system module.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	221 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0Loads	85 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	1 Load	3 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Bobcat E26 mini excavator
Bobcat T590 skid loader

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery
Walt Pryor

Lockheed Martin : NA

CDM: Dean Costello

EMCOR: Scott Lap

Subcontractors: *Elite Environmental*
Larry Macher
Desmond Newbold
Gary Norris
Joe Green

GCC
Faustono Gomez
Evilio Martinez
Adam Tamarro
Julio Quinores
Calvin Elmore
Martin Morales
Patricio Laries

Antron
Daniel Heilman

Donlee Electric
John Sullivan, Jr.

Principle Plumbing
Pat Curran

On Site: 0700
Off Site: 1840

HEALTH & SAFETY TOPICS OR ISSUES:

- Traffic Safety and equipment awareness.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module.
- Elite will continue installing the pex tubing within Block G for the tie-in to the system module tomorrow.
- Elite will load out the Block G soil stockpiles on Thursday, 4/10/14 and Friday, 4/11/14.

Status of New and Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 10, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Sunny / 63**

- Elite Environmental excavated the utility trench and installed the pex tubing in Block G.
- Elite loaded out Non Haz soils to Grows Landfill.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	12 Loads	233 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	1 Load	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	3 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Bobcat E26 mini excavator
Bobcat T590 skid loader

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Larry Macher
Desmond Newbold
Gary Norris
Joe Green

GCC
Mike Harp

Donlee Electric
NA

On Site: 0630
Off Site: 1730

HEALTH & SAFETY TOPICS OR ISSUES:

- Trench Safety

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module and the junction box in Block G.
- Elite will continue installing the pex tubing within Block G for the tie-in to the system module tomorrow.
- Elite will load out the Block G Non Haz soil stockpiles on Friday, 4/11/14.
-

Status of New and Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 11, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Cloudy / 72**

- Installed 12" PVC pipe with heat trace to the system module.
- Elite loaded out the Block G Non Hazardous soil stockpiles.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	5 Loads	238 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Load	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	3 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Bobcat E26 mini excavator
Bobcat T590 skid loader
Deere 160 Excavator

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : John Morgan

CDM: NA

EMCOR: NA

Subcontractors: *Elite Environmental*
Larry Macher
Desmond Newbold
Gary Norris
Joe Green

GCC
NA

Donlee Electric
NA

On Site: 0700
Off Site: 1400

HEALTH & SAFETY TOPICS OR ISSUES:

- Bending and stooping (to address possible back injury during the well head construction.)
- The flagger who was fired last week, Adam Tammaro, drove by Block G this afternoon at approximately 1:00 pm. He blew his horn as he approached and waved as he drove by.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module and the junction box in Block G.
- Elite will continue installing the pex tubing within Block G for the tie-in to the system module.
- Elite will continue to load out the Block G Non Haz soil stockpiles next week.

Status of New and Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 12, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Cloudy / 72**

- No work completed on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	238 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Load	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	3 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 13, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Cloudy / 72**

- No work completed on site.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	238 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Load	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	3 Loads

EQUIPMENT ON SITE

NA

PERSONNEL ON SITE

NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 14, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Mostly Cloudy / 72**

- Elite cleaned site and graded area around the soil stockpile in Block G.
- Elite placed concrete for well vault pads IWW-9, 10, 11, 12, 16 and the water service curb stop box.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	238 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Load	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	3 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Bobcat E26 mini excavator - removed from the site today @ 1200
Bobcat T590 skid loader
Deere 160 Excavator
P/U Truck

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery
Lockheed Martin :	NA
CDM:	NA
EMCOR:	NA
MDE:	Thomas Johnson, (Compliance Specialist)
Subcontractors:	*Elite Environmental* Larry Macher Desmond Newbold Joe Green *Donlee Electric* NA

On Site: 0700
Off Site: 1645

HEALTH & SAFETY TOPICS OR ISSUES:

- Awareness regarding Adam Tammaro, (former flagger). Discussed his physical description, model of the vehicle he has been seen in recently and to be aware at all times that he represents a potential danger as a disgruntled former employee.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module and the junction box in Block G.
- Elite will load out the Block G Non Haz soil stockpiles on Friday, 4/16/14 and possibly 4/17/14. The crew will also address punch list items.

Status of New and Outstanding Issues and Action Items

Block G

- Upon arrival this morning Elite Environmental discovered the metal vaults for IWW 9 & 10 had been removed from their elevation settings. IWW 9 was pushed deeper into the excavation and IWW 10 was removed completely and tossed to the side.

- Ken Jeffery, (Tt) met with Phil Johnson, (Lockheed Security Chief) to discuss the incident involving the terminated flagger, Adam Tammaro. Ken Jeffery provided a physical description of Adam Tammaro and a description of his vehicle. Also noted was Adam Tamarro's driving through the site Friday, 4/11/14 - Ken Jeffery saw him as he drove by Block G in a vehicle, blowing his horn and waving at approximately 1:00 pm. Also noted to Phil Johnson was the incident involving the IWW vaults in Block G

- Thomas Johnson, (MDE) arrived on site at 1030 am in response to an anonymous complaint regarding illegal dumping of contaminated soils into Cow Pen Creek. Ken Jeffery greeted Mr. Johnson and reviewed the plans and toured the site.
  Mr. Johnson acknowledged no signs consistent with the complaint. Larry Macher, (Elite Environmental) joined Ken Jeffery and Thomas Johnson after the site walkthrough and discussed the events surrounding threats from a disgruntled former employee from GCC. Ken and Larry made Mr. Johnson aware that Jim Brendell, (Baltimore County Inspector) was on site last week responding to similar accusations. It was made clear that Jim Brendell has been working with us for almost a year regarding this site and found no truth to the disgruntled employee's accusations.
  Mr. Johnson departed the site at 1107. He requested Elite forward some of the weekly E&S Inspection reports.

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 15, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Heavy rain / 63**

- No work due to inclement weather

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	238 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Load	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	3 Loads

EQUIPMENT ON SITE

Box Van
Portable Air Compressor
Bobcat T590 skid loader
Deere 160 Excavator
P/U Truck

PERSONNEL ON SITE

Tetra Tech: NA

Lockheed Martin : NA

CDM: NA

EMCOR: NA

MDE: NA

Subcontractors: *Elite Environmental*
NA

Donlee Electric
NA

On Site: NA
Off Site: NA

HEALTH & SAFETY TOPICS OR ISSUES:

- NA

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module and the junction box in Block G.
- Elite will load out the Block G Non Haz soil stockpiles on Friday, 4/16/14 and possibly 4/17/14. The crew will also address punch list items.

Status of New and Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 16, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Windy / 49**

- Elite loaded out non – hazardous soil in Block G.
- Donlee Electric installed the transformer bracket, (mount) for the system module in Block G.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	9 Loads	238 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149 Loads
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type ‘B’	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type ‘C’	0 Loads	3 Loads

EQUIPMENT ON SITE

Box Van
Bobcat T590 skid loader
Deere 160 Excavator
P/U Truck

PERSONNEL ON SITE

Tetra Tech:	Ken Jeffery
Lockheed Martin :	NA
CDM:	Dean Costello
EMCOR:	NA
MDE:	NA
Subcontractors:	*Elite Environmental* Larry Macher Desmond Newbold Joe Green *Donlee Electric* John Sullivan, Jr.

On Site: 0700
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Truck Traffic

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Donlee Electric will continue the electric tie in for the Block G system module and the junction box in Block G.
- Dean Costello, Larry Macher and Ken Jeffery will review Blocks E, G, & I and generate a punchlist.

Status of New and Outstanding Issues and Action Items

- NA

TETRA TECH, INC.

DAILY CONSTRUCTION REPORT April 17, 2014
Tax Block G Middle River Complex
Lockheed Martin Corp
Tech Project # 112IC04769
Baltimore, MD

SUMMARY OF WORK **Weather: Sunny / Breezy / 54**

- Donlee Electric installed the transformers and the electrical ground system in Block G.
- Elite placed grout for IWW's.
- Elite removed concrete forms for IWW pads.
- Principal Plumbing connected the water service to the system module in Block G. Pressures observed ranged from 80-85 psi. The plumber noted this fluctuation in pressure is indicative of air in the line.

MAJOR ACTIVITIES OR WORK	Daily Quantity	Est. Cumulative QTY To date
TCSA Soil Disposal	0 Loads	33 Loads
Non-Haz Soil Disposal	0 Loads	238 Loads
Hazardous Waste Solid	0 Loads	2 Loads
Backfill- On-site	0 Loads	0
Select Backfill- Imported	0 Loads	149 Loads
No. 57 Stone	0 Loads	18 Loads
Erosion and Sediment Controls	(incomplete)	90%
CR-6	0 Loads	86 Loads
Containerized Water Disposal, Tankers	0 Loads	14 Loads
Rip Rap	0 Loads	2 Loads
Topsoil	0 Loads	45 Loads
Utility Sand	0 Loads	4 Loads
Hot Ix Hot laid bituminous concrete type 'B'	0 Loads	1 Load
Hot Ix Hot laid bituminous concrete type 'C'	0 Loads	3 Loads

EQUIPMENT ON SITE

Box Van
Bobcat T590 skid loader
Deere 160 Excavator
P/U Truck

PERSONNEL ON SITE

Tetra Tech: Ken Jeffery

Lockheed Martin : NA

CDM: Dean Costello

EMCOR: NA

MDE: NA

Subcontractors: *Elite Environmental*
Larry Macher
Desmond Newbold

Donlee Electric
John Sullivan, Jr.
Tim Church
Dave Church

Principal Plumbing
Pat Curran

On Site: 0700
Off Site: 1710

HEALTH & SAFETY TOPICS OR ISSUES:

- Discussed awareness regarding the disgruntled employee. Two of Donlee Electric's employees needed to be brought up to speed on it as they have not been on site as of late. Additionally it served a reminder to the regular site.

SAMPLING, TESTING, ANALYTICAL DATA

- NA

PLANNED SCHEDULE

- Elite will address the punch list generated today during the Pre-final inspection.
- Donlee Electric will complete final tie ins for the Block G system module.

Status of New and Outstanding Issues and Action Items

- NA

APPENDIX B— PRE-REMEDIATION SAMPLING LOCATIONS AND RESULTS

FIGURE 3-1

SOIL DELINEATION SAMPLES, PCB CONCENTRATIONS BLOCK E GROUNDWATER REMEDIAL SYSTEM INSTALLATION

BLOCK 'E'

E-SB-995
PCB-1260 62 (0-0.5')
PCB-1260 34 (0.5-2')

E-SB-989
PCB-1260 45 (0-0.5')
PCB-1260 34 (0.5-2')

SB-569
PCB-1260 300 (0-0.5')

E-SB-988
PCB-1260 80 (0-0.5')

SB-526
PCB-1260 82 (0-1')

E-SB-994
PCB-1260 39 (0-0.5')

SB-525
PCB-1260 54 (0-1')

SB-527
PCB-1260 62 (0-1')

SS-528
PCB-1260 34 (0-1')

E-SB-997
PCB-1260 23 (0-0.5')

E-SB-987
PCB-1260 30 (0-0.5')

E-SB-998
PCB-1260 27 (0-0.5')

E-SB-999
PCB-1260 26 (0-0.5')

SS-524
PCB-1260 52 (0-1')

SB- 561
PCB-1260 11 (4')

E-SB-1005
PCB-1260 38 (0-0.5')
PCB-1260 12 (2-3')

E-SB-1006
PCB-1260 39 (0.5-2')

E-SB-1001
PCB-1260 22 (2-3')

E-SB-1002
PCB-1260 18 (0-0.5')
PCB-1260 26 (2-3')

SB- 555
PCB-1254 36 (0-0.5')
PCB-1260 17 J (0-0.5')

E-SB-1003
PCB-1254 24 (0-0.5')

E-SB-1014
PCB-1254 780 (0.5-2')

E-SB-1008
PCB-1254 38 (2-3')

E-SB-1011
PCB-1254 1200 (0.5-2')

E-SB-1010
PCB-1254 4700 (0.5-2')
PCB-1254 810 (2-3')

E-SB-1015
PCB-1254 100 (0-0.5')
PCB-1254 130 (0.5-2')
PCB-1254 1600 (2-3')

E-SB-1012
PCB-1260 44 (0-0.5')
PCB-1254 400 (0.5-2')
PCB-1254 340 (2-3')

E-SB-1013
PCB-1260 32 (0-0.5')
PCB-1260 38 (0.5-2')
PCB-1254 70 (2-3')

E-SB-996
PCB-1260 36 (0-0.5')
PCB-1260 74 (0.5-2')

E-SB-990
PCB-1260 22 (0-0.5')
PCB-1260 60 (0.5-2')

E-SB-991
PCB-1260 22 (0-0.5')

E-SB-993
PCB-1260 14 (0.5-2')

E-SB-841
PCB-1260 25 (0-1')

E-SB-1018
PCB-1254 85 (0-0.5')
PCB-1260 29 (0.5-2')

E-SB-845
PCB-1260 37 (0-1')

E-SB-1009
PCB-1260 19 (0-0.5')
PCB-1254 2700 (0.5-2')

E-SB-1017
PCB-1260 14 (0-0.5')
PCB-1254 85 (0.5-2')

E-SB-890
PCB-1254 320 (0-2')

E-SB-1016
PCB-1254 120 (2-3')

E-SB-958
PCB-1260 15 (0-0.5')
PCB-1260 22 (0.5-2')

E-SB-981
PCB-1260 110 (0-0.5')
PCB-1260 720 (0.5-2')

E-SB-984
PCB-1260 990 (0.5-2')

E-SB-986 **E-SB-985** **E-SB-992** **E-SB-982** **E-SB-902** **E-SB-901** **E-SB-903** **E-SB-904** **E-SB-905** **E-SB-906** **E-SB-907** **E-SB-908** **E-SB-909** **E-SB-910** **E-SB-897** **E-SB-898** **E-SB-899** **E-SB-900** **E-SB-100** **E-SB-1004** **E-SB-1007** **E-SB-886** **E-SB-887** **E-SB-888** **E-SB-889** **E-SB-891** **E-SB-892** **E-SB-893** **E-SB-894** **E-SB-895** **E-SB-896** **SB-509** **SB-831** **SB-838** **SB-500** **SB-570** **SB-570A** **SB-571** **SB-842** **SB-843** **SB-846** **SB-847** **SB-020** **SB-021** **SB-019** **SB-049** **SB-555A** **SB-561A** **SB-521** **SB-522** **SB-523**

E-DC-SCA-1-A E-DC-SCA-1-B E-DC-SCA-1-C E-DC-SCA-1-D E-DC-SCA-1-E E-DC-SCA-2-A E-DC-SCA-2-B E-DC-SCA-2-C E-DC-SCA-2-D E-DC-SCA-2-E E-DC-SCA-3-A E-DC-SCA-3-B E-DC-SCA-3-C E-DC-SCA-3-D E-DC-SCA-3-E E-DC-SCA-4-A E-DC-SCA-4-B E-DC-SCA-4-C E-DC-SCA-4-D E-DC-SCA-4-E

Injection Equipment Trailer

Decon Pad

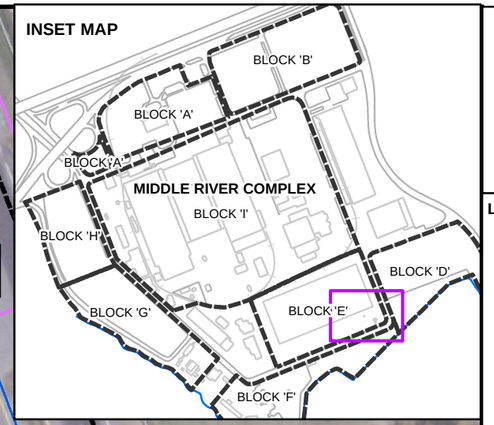
500,000 Gallon Water Tank

Fire Pump Building with 275 Gal Diesel Fuel AST

REC #3
Former 500,000 gal Diesel Fuel AST

REC #2
Product Pipeline

INSET MAP



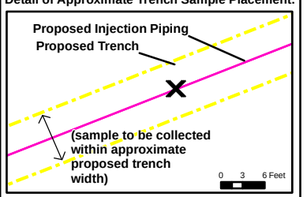
LEGEND

PCB Concentration
- < 10 ppm
- 10 - 40 ppm
- >40 ppm

EXISTING UTILITIES
- COMMUNICATION
- FORCE MAIN
- GAS
- SANITARY
- UNDERGROUND ELECTRIC
- WATER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- TRAILER
- FUEL OIL LINE *
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- STABILIZED CONSTRUCTION ENTRANCE
- UNDERGROUND SANITARY SEWER *
- EXISTING FENCE
- HYDRANT
- STORMWATER INLET
- MHSD (MANHOLE SEDIMENT)
- FIRE WATER LINE *
- STORM SEWER
- BUILDING FOOTPRINT
- TAX PARCELS
- INJECTION WELLS
- EXTRACTION WELLS

* From historical drawings

Detail of Approximate Trench Sample Placement:



Lockheed Martin Middle River Complex
Middle River, Maryland

0 15 30 60 Feet

N

DATE MODIFIED: 5/10/13

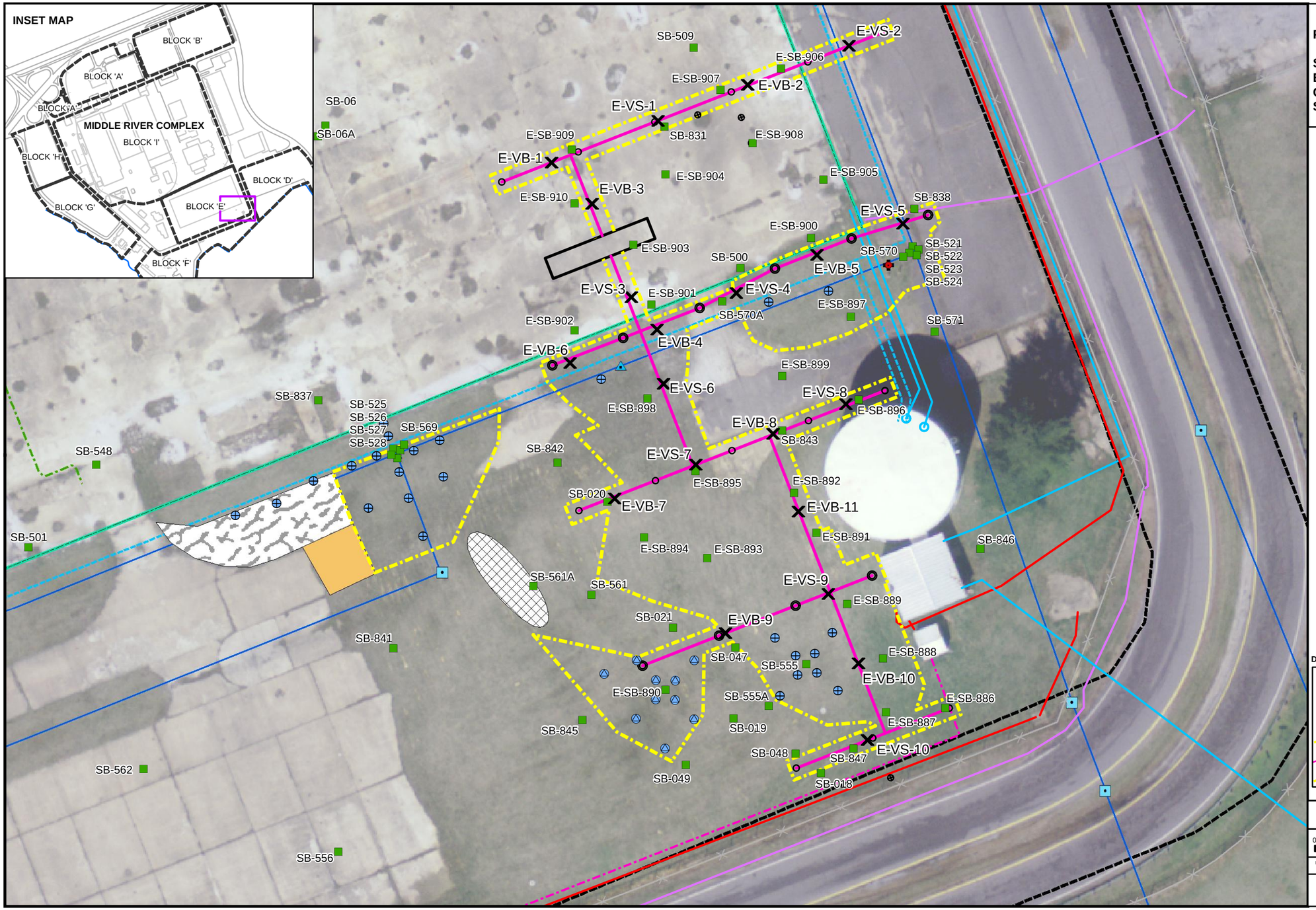
CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block E PCB exceedances_051013.mxd)
5/13/2013 -- 10:17:51 AM

FIGURE 3-2

SOIL VERIFICATION SAMPLES, BLOCK E GROUNDWATER REMEDIAL SYSTEM INSTALLATION



LEGEND

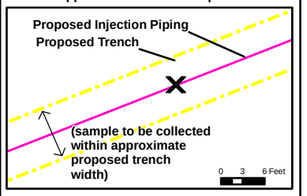
- E-VB-1 or E-VS-1 BLOCK E VERIFICATION SAMPLE, BASE(B) OR SIDEWALL(S)
- PREVIOUS SOIL BORINGS

EXISTING UTILITIES

- COMMUNICATION
- FORCE MAIN
- GAS
- SANITARY
- UNDERGROUND ELECTRIC
- WATER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- TRAILER
- FUEL OIL LINE *
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- STABILIZED CONSTRUCTION ENTRANCE
- UNDERGROUND SANITARY SEWER *
- EXISTING FENCE
- HYDRANT
- STORMWATER INLET
- MHSD (MANHOLE SEDIMENT)
- FIRE WATER LINE *
- STORM SEWER
- BUILDING FOOTPRINT
- TAX PARCELS
- INJECTION WELLS
- EXTRACTION WELLS

* From historical drawings

Detail of Approximate Trench Sample Placement:



Lockheed Martin Middle River Complex
Middle River, Maryland

0 10 20 40 Feet

N

DATE MODIFIED: 12/19/12

CREATED BY: MP

TETRATECH

Map Document: (K:\GProject\middle_river\Maps\Block E soil Verification Sample Locations 2012.mxd)
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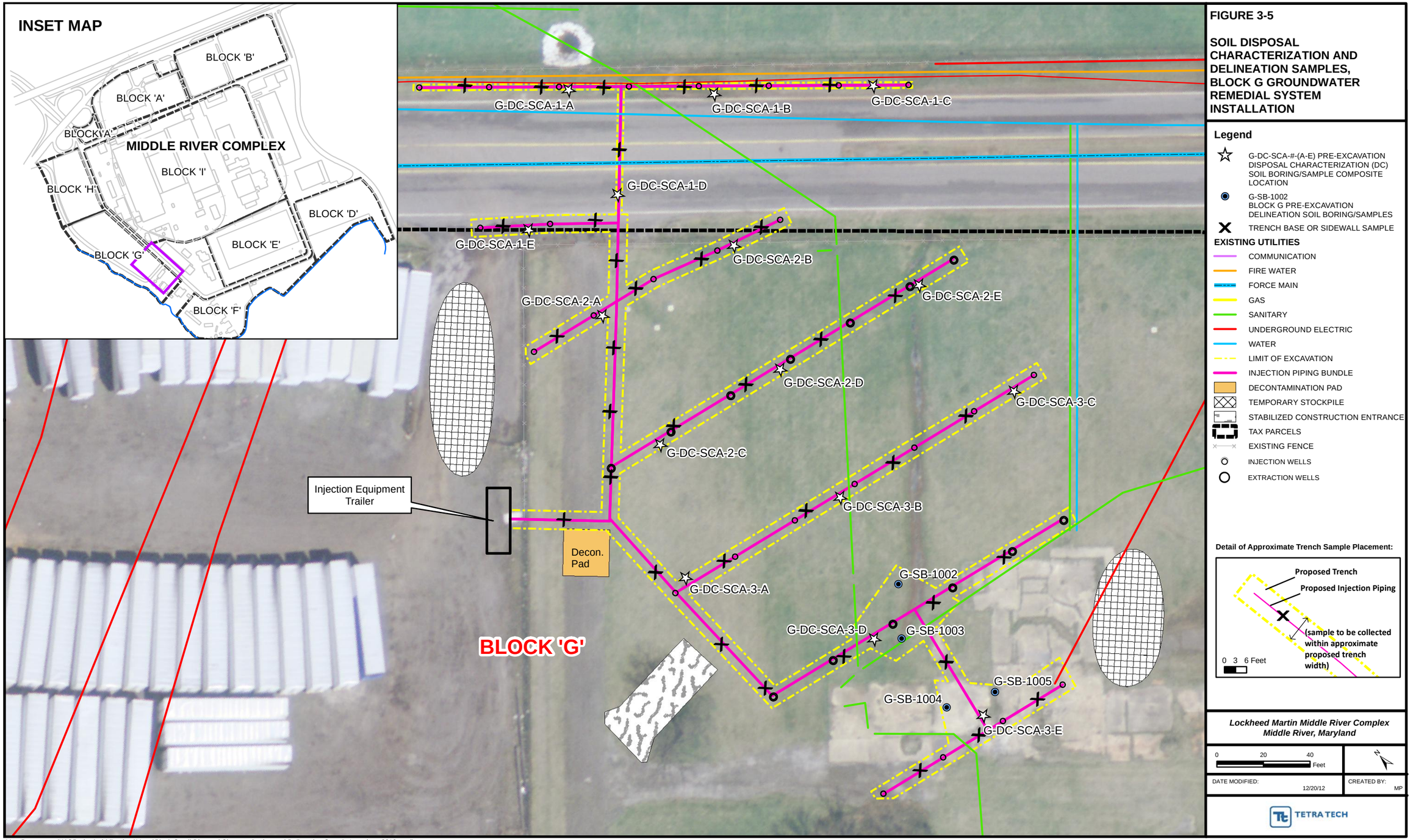

FIGURE 3-5

SOIL DISPOSAL CHARACTERIZATION AND DELINEATION SAMPLES, BLOCK G GROUNDWATER REMEDIAL SYSTEM INSTALLATION

Legend

- G-DC-SCA-#-(A-E) PRE-EXCAVATION DISPOSAL CHARACTERIZATION (DC) SOIL BORING/SAMPLE COMPOSITE LOCATION
- G-SB-1002 BLOCK G PRE-EXCAVATION DELINEATION SOIL BORING/SAMPLES
- TRENCH BASE OR SIDEWALL SAMPLE

EXISTING UTILITIES

- COMMUNICATION
- FIRE WATER
- FORCE MAIN
- GAS
- SANITARY
- UNDERGROUND ELECTRIC
- WATER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- STABILIZED CONSTRUCTION ENTRANCE
- TAX PARCELS
- EXISTING FENCE
- INJECTION WELLS
- EXTRACTION WELLS

Detail of Approximate Trench Sample Placement:

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/20/12

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block G soil Disposal Characterization and Delineation Sample Locations 2012.mxd)
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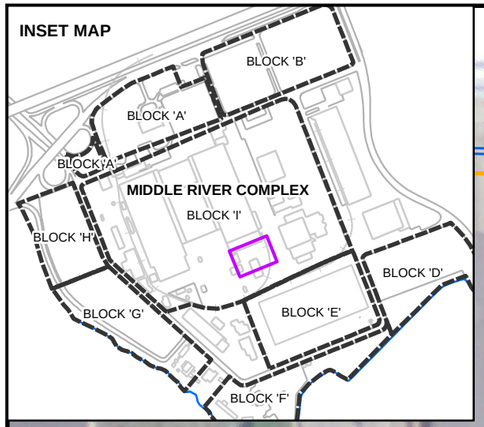
INSET MAP



Injection Equipment Trailer

Decon Pad

I-VB-1
I-VS-1
I-DC-SCA-1-A
I-VS-2
I-VB-2
I-DC-SCA-1-B
I-VS-3
I-VB-3
I-VS-4
I-DC-SCA-1-C
I-VB-4
I-VS-5
I-DC-SCA-1-D
I-VB-5
I-VS-6
I-DC-SCA-1-E

FIGURE 3-6

SOIL VERIFICATION AND DISPOSAL CHARACTERIZATION SAMPLE LOCATIONS, BLOCK I GROUNDWATER REMEDIAL SYSTEM INSTALLATION

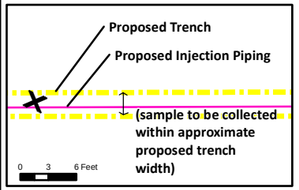
LEGEND

- I-DC-SCA-#-(A-E) PRE-EXCAVATION DISPOSAL CHARACTERIZATION (DC) SOIL BORING/SAMPLE COMPOSITE LOCATION
- I-VB-1 or I-VS-1 BLOCK I VERIFICATION SAMPLE, BASE(B) OR SIDEWALL(S)

EXISTING UTILITIES

- COMMUNICATION
- FIRE WATER
- FORCE MAIN
- GAS
- SANITARY SEWER
- UNDERGROUND ELECTRIC
- WATER
- STORM SEWER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- TRAILER
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- EXISTING FENCE
- TAX PARCELS
- INJECTION WELLS
- EXTRACTION WELLS

Detail of Approximate Trench Sample Placement:



Lockheed Martin Middle River Complex
Middle River, Maryland

0 3.256.5 13 Feet

N

DATE MODIFIED: 12/20/12

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block I soil Verification and Disposal Characterization Sample Locations 2012.mxd)
12/20/2012 -- 3:55:09 PM

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Column1	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11096-82-5	Aroclor-1260	38	ug/Kg	0.038		38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	1010	N/A	Flashpoint	>180	Degrees F	#VALUE!		1	MRL	1	Total	82848	4/17/2013 8:35	1/1/0001 12:00 AM	4/20/2013 9:40
240-23344-1	240-23344-2	E-DC-SCA-1	7470A	7439-97-6	Mercury	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83234	4/17/2013 8:35	4/22/2013 15:35	4/23/2013 10:10
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	67-72-1	Hexachloroethane	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83533	4/17/2013 8:35	4/22/2013 12:11	4/25/2013 17:34
240-23344-1	240-23344-2	E-DC-SCA-1	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	0.0002	U	0.2	MRL	1	ASTM Leach	83592	4/17/2013 8:35	1/1/0001 12:00 AM	4/25/2013 11:06
240-23344-1	240-23344-2	E-DC-SCA-1	410.4	N/A	Chemical Oxygen Demand	20	mg/L	0.02	U	20	MRL	1	ASTM Leach	83411	4/17/2013 8:35	4/24/2013 14:55	4/24/2013 15:12
240-23344-1	240-23344-2	E-DC-SCA-1	1664A	N/A	HEM	4.8	mg/L	0.0048	U	4.8	MRL	1	ASTM Leach	83310	4/17/2013 8:35	4/24/2013 8:37	4/24/2013 9:44
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	110-86-1	Pyridine	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-39-3	Barium	0.17	mg/L	0.00017	J B	10	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-43-9	Cadmium	0.1	mg/L	0.0001	U	0.1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	8151A	94-75-7	2,4-D	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83533	4/17/2013 8:35	4/22/2013 12:11	4/25/2013 17:34
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-38-2	Arsenic	0.0042	mg/L	0.0000042	J	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	9095A	N/A	Free Liquid	NEG	NONE	#VALUE!		0.1	MRL	1	Total	82976	4/17/2013 8:35	1/1/0001 12:00 AM	4/22/2013 9:57
240-23344-1	240-23344-2	E-DC-SCA-1	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82727	4/17/2013 8:35	1/1/0001 12:00 AM	4/19/2013 12:50
240-23344-1	240-23344-2	E-DC-SCA-1	9045C	N/A	pH	10.1	SU	0.0101		0.1	MRL	1	Total	82819	4/17/2013 8:35	1/1/0001 12:00 AM	4/20/2013 11:09
240-23344-1	240-23344-2	E-DC-SCA-1	8082	12674-11-2	Aroclor-1016	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11097-69-1	Aroclor-1254	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82727	4/17/2013 8:35	1/1/0001 12:00 AM	4/19/2013 12:50
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11104-28-2	Aroclor-1221	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	9045C	N/A	pH	8.6	SU	0.0086		0.1	MRL	1	ASTM Leach	83412	4/17/2013 8:35	1/1/0001 12:00 AM	4/24/2013 16:01
240-23344-1	240-23344-2	E-DC-SCA-1	9034_Calc	18496-25-8	Sulfide	35	mg/Kg	0.035	U	35	MRL	1	Total	83220	4/17/2013 8:35	4/23/2013 10:12	4/23/2013 13:48
240-23344-1	240-23344-2	E-DC-SCA-1	2540G	N/A	Total Solids	87	%	0.087		0.02	MRL	1	Total	114314	4/17/2013 8:35	1/1/0001 12:00 AM	4/22/2013 13:45
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	160.4	N/A	Total Volatile Solids	9500	mg/Kg	9.5		4000	MRL	1	ASTM Leach	114632	4/17/2013 8:35	1/1/0001 12:00 AM	4/23/2013 22:43
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11100-14-4	Aroclor-1268	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	95-48-7	Cresol, o-	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	98-95-3	Nitrobenzene	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56
240-23344-1	240-23344-2	E-DC-SCA-1	9071B	N/A	HEM	110	mg/Kg	0.11	J	220	MRL	1	Total	83342	4/17/2013 8:35	4/23/2013 14:49	4/24/2013 10:46
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	8001-35-2	Toxaphene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	72-20-8	Endrin	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	72-43-5	Methoxychlor	0.001	mg/L	0.000001	U	0.001	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-47-3	Chromium	0.5	mg/L	0.0005	U	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	9012A	57-12-5	Cyanide, Total	0.59	mg/Kg	0.00059	U	0.59	MRL	1	Total	82716	4/17/2013 8:35	4/19/2013 8:26	4/19/2013 10:05
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	76-44-8	Heptachlor	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	0.000005	U	0.005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-50-8	Copper	1	mg/L	0.001	U	1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-02-0	Nickel	0.0058	mg/L	0.0000058	J B	0.04	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-22-4	Silver	0.5	mg/L	0.0005	U	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7439-92-1	Lead	0.0095	mg/L	0.0000095	J	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-66-6	Zinc	0.017	mg/L	0.000017	J B	1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7782-49-2	Selenium	0.0041	mg/L	0.0000041	J	0.25	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46
240-23344-1	240-23344-2	E-DC-SCA-1	8082	53469-21-9	Aroclor-1242	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	8082	12672-29-6	Aroclor-1248	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	8082	37324-23-5	Aroclor-1262	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11141-16-5	Aroclor-1232	38	ug/Kg	0.038	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11096-82-5	Aroclor-1260	650	ug/Kg	0.65		36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	110-86-1	Pyridine	0.001	mg/L	0.000001	J	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	8082	12674-11-2	Aroclor-1016	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11141-16-5	Aroclor-1232	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11104-28-2	Aroclor-1221	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	160.4	N/A	Total Volatile Solids	17000	mg/Kg	17		4000	MRL	1	ASTM Leach	114328	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:25
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	95-48-7	Cresol, o-	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	0.034	U	34	MRL	1	Total	83220	4/16/2013 14:50	4/23/2013 10:12	4/23/2013 13:42
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	98-95-3	Nitrobenzene	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	2540G	N/A	Total Solids	91	%	0.091		0.02	MRL	1	Total	114040	4/16/2013 14:50	1/1/0001 12:00 AM	4/19/2013 21:53
240-23291-1	240-23291-18	E-DC-SCA-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	83052	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-18	E-DC-SCA-2	8082	12672-29-6	Aroclor-1248	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11097-69-1	Aroclor-1254	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54

240-23291-1	240-23291-18	E-DC-SCA-2	9045C	N/A	pH	8.23	SU	0.00823		0.1	MRL	1	Total	82819	4/16/2013 14:50	1/1/0001 12:00 AM	4/20/2013 10:52
240-23291-1	240-23291-18	E-DC-SCA-2	9045C	N/A	pH	8.1	SU	0.0081	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 14:50	1/1/0001 12:00 AM	4/24/2013 15:58
240-23291-1	240-23291-18	E-DC-SCA-2	8082	53469-21-9	Aroclor-1242	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11100-14-4	Aroclor-1268	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	8082	37324-23-5	Aroclor-1262	36	ug/Kg	0.036	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54
240-23291-1	240-23291-18	E-DC-SCA-2	9012A	57-12-5	Cyanide, Total	0.54	mg/Kg	0.00054	U	0.54	MRL	1	Total	82716	4/16/2013 14:50	4/19/2013 8:26	4/19/2013 10:05
240-23291-1	240-23291-18	E-DC-SCA-2	410.4	N/A	Chemical Oxygen Demand	20	mg/L	0.02	U	20	MRL	1	ASTM Leach	83411	4/16/2013 14:50	4/24/2013 14:55	4/24/2013 15:10
240-23291-1	240-23291-18	E-DC-SCA-2	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83533	4/16/2013 14:50	4/22/2013 12:11	4/25/2013 16:47
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-43-9	Cadmium	0.0032	mg/L	0.0000032	J	0.1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-39-3	Barium	0.34	mg/L	0.00034	J B	10	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	1664A	N/A	HEM	4.8	mg/L	0.0048	U	4.8	MRL	1	ASTM Leach	83310	4/16/2013 14:50	4/24/2013 8:37	4/24/2013 9:44
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7439-92-1	Lead	0.026	mg/L	0.000026	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	9071B	N/A	HEM	220	mg/Kg	0.22	U	220	MRL	1	Total	83342	4/16/2013 14:50	4/23/2013 14:49	4/24/2013 10:46
240-23291-1	240-23291-18	E-DC-SCA-2	4500_NH3_F_ISE	7664-41-7	Ammonia	0.044	mg/L	0.000044	J	0.2	MRL	1	ASTM Leach	83592	4/16/2013 14:50	1/1/0001 12:00 AM	4/25/2013 11:06
240-23291-1	240-23291-18	E-DC-SCA-2	8151A	94-75-7	2,4-D	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83533	4/16/2013 14:50	4/22/2013 12:11	4/25/2013 16:47
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-47-3	Chromium	0.0037	mg/L	0.0000037	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	67-72-1	Hexachloroethane	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	7470A	7439-97-6	Mercury	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83234	4/16/2013 14:50	4/22/2013 15:35	4/23/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	1010	N/A	Flashpoint	>180	Degrees F	#VALUE!		1	MRL	1	Total	82848	4/16/2013 14:50	1/1/0001 12:00 AM	4/20/2013 9:12
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-38-2	Arsenic	0.0067	mg/L	0.0000067	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08
240-23291-1	240-23291-18	E-DC-SCA-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	83052	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-66-6	Zinc	0.13	mg/L	0.00013	J B	1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-02-0	Nickel	0.014	mg/L	0.000014	J B	0.04	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	0.000005	U	0.005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27
240-23291-1	240-23291-18	E-DC-SCA-2	9095A	N/A	Free Liquid	NEG	NONE	#VALUE!		0.1	MRL	1	Total	82976	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 9:53
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	8001-35-2	Toxaphene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	76-44-8	Heptachlor	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-22-4	Silver	0.5	mg/L	0.0005	U	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7782-49-2	Selenium	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-50-8	Copper	1	mg/L	0.001	U	1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	72-43-5	Methoxychlor	0.001	mg/L	0.000001	U	0.001	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	72-20-8	Endrin	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	75-01-4	Vinyl chloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	79-01-6	Trichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	67-66-3	Chloroform	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	108-90-7	Chlorobenzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	0.00075	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	71-43-2	Benzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30
240-23291-1	240-23291-17	E-DC-SCA-3	2540G	N/A	Total Solids	89	%	0.089		0.02	MRL	1	Total	114040	4/16/2013 13:55	1/1/0001 12:00 AM	4/19/2013 21:51
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-50-8	Copper	1	mg/L	0.001	U	1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-22-4	Silver	0.5	mg/L	0.0005	U	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-02-0	Nickel	0.0055	mg/L	0.0000055	J B	0.04	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7439-92-1	Lead	0.006	mg/L	0.000006	J	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-47-3	Chromium	0.5	mg/L	0.0005	U	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	8082	37324-23-5	Aroclor-1262	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11096-82-5	Aroclor-1260	47	ug/Kg	0.047		37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	83052	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-17	E-DC-SCA-3	8082	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	9095A	N/A	Free Liquid	NEG	NONE	#VALUE!		0.1	MRL	1	Total	82976	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 9:48
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7782-49-2	Selenium	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	76-44-8	Heptachlor	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	72-20-8	Endrin	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30
240-23291-1	240-23291-17	E-DC-SCA-3	9012A	57-12-5	Cyanide, Total	0.58	mg/Kg	0.00058	U	0.58	MRL	1	Total	82716	4/16/2013 13:55	4/19/2013 8:26	4/19/2013 10:05
240-23291-1	240-23291-17	E-DC-SCA-3	9071B	N/A	HEM	110	mg/Kg	0.11	J	220	MRL	1	Total	83342	4/16/2013 13:55	4/23/2013 14:49	4/24/2013 10:46
240-23291-1	240-23291-17	E-DC-SCA-3	1664A	N/A	HEM	4.8	mg/L	0.0048	U	4.8	MRL	1	ASTM Leach	83310	4/16/2013 13:55	4/24/2013 8:37	4/24/2013 9:44
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-66-6	Zinc	0.019	mg/L	0.000019	J B	1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38

240-23291-1	240-23291-17	E-DC-SCA-3	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	0.000005	U	0.005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	72-43-5	Methoxychlor	0.001	mg/L	0.000001	U	0.001	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	110-86-1	Pyridine	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	160.4	N/A	Total Volatile Solids	16000	mg/Kg	16		4000	MRL	1	ASTM Leach	114328	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:21
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	95-48-7	Cresol, o-	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	0.034	U	34	MRL	1	Total	83220	4/16/2013 13:55	4/23/2013 10:12	4/23/2013 13:40
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	67-72-1	Hexachloroethane	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	98-95-3	Nitrobenzene	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	8082	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	83052	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11100-14-4	Aroclor-1268	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32
240-23291-1	240-23291-17	E-DC-SCA-3	8082	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08
240-23291-1	240-23291-17	E-DC-SCA-3	9045C	N/A	pH	7.97	SU	0.00797		0.1	MRL	1	Total	82819	4/16/2013 13:55	1/1/0001 12:00 AM	4/20/2013 11:03
240-23291-1	240-23291-17	E-DC-SCA-3	9045C	N/A	pH	7.48	SU	0.00748	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 13:55	1/1/0001 12:00 AM	4/24/2013 15:54
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	8001-35-2	Toxaphene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30
240-23291-1	240-23291-17	E-DC-SCA-3	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83533	4/16/2013 13:55	4/22/2013 12:11	4/25/2013 16:23
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-43-9	Cadmium	0.0023	mg/L	0.0000023	J	0.1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	1010	N/A	Flashpoint	>180	Degrees F	#VALUE!		1	MRL	1	Total	82848	4/16/2013 13:55	1/1/0001 12:00 AM	4/20/2013 8:45
240-23291-1	240-23291-17	E-DC-SCA-3	7470A	7439-97-6	Mercury	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83234	4/16/2013 13:55	4/22/2013 15:35	4/23/2013 10:04
240-23291-1	240-23291-17	E-DC-SCA-3	410.4	N/A	Chemical Oxygen Demand	20	mg/L	0.02	U	20	MRL	1	ASTM Leach	83411	4/16/2013 13:55	4/24/2013 14:55	4/24/2013 15:09
240-23291-1	240-23291-17	E-DC-SCA-3	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	0.0002	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 13:55	1/1/0001 12:00 AM	4/25/2013 9:28
240-23291-1	240-23291-17	E-DC-SCA-3	8151A	94-75-7	2,4-D	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83533	4/16/2013 13:55	4/22/2013 12:11	4/25/2013 16:23
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-39-3	Barium	0.32	mg/L	0.00032	J B	10	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-38-2	Arsenic	0.005	mg/L	0.000005	J	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	71-43-2	Benzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	108-90-7	Chlorobenzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	75-01-4	Vinyl chloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	67-66-3	Chloroform	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	79-01-6	Trichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	0.00075	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11097-69-1	Aroclor-1254	6500	ug/Kg	6.5		390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	160.4	N/A	Total Volatile Solids	20000	mg/Kg	20		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:15
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	110-86-1	Pyridine	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8151A	94-75-7	2,4-D	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83533	4/16/2013 12:00	4/22/2013 12:11	4/25/2013 16:00
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	67-72-1	Hexachloroethane	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	0.00004	U	0.04	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	9071B	N/A	HEM	200	mg/Kg	0.2	J	240	MRL	1	Total	83342	4/16/2013 12:00	4/23/2013 14:49	4/24/2013 10:46
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11104-28-2	Aroclor-1221	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	1664A	N/A	HEM	4.8	mg/L	0.0048	U	4.8	MRL	1	ASTM Leach	83310	4/16/2013 12:00	4/24/2013 8:37	4/24/2013 9:44
240-23291-1	240-23291-13	E-DC-SCA-4	9012A	57-12-5	Cyanide, Total	0.16	mg/Kg	0.00016	J B	0.62	MRL	1	Total	82716	4/16/2013 12:00	4/19/2013 8:26	4/19/2013 10:00
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	98-95-3	Nitrobenzene	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	95-48-7	Cresol, o-	0.004	mg/L	0.000004	U	0.004	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11100-14-4	Aroclor-1268	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	0.0002	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:00	1/1/0001 12:00 AM	4/25/2013 9:28
240-23291-1	240-23291-13	E-DC-SCA-4	410.4	N/A	Chemical Oxygen Demand	20	mg/L	0.02	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:00	4/24/2013 14:55	4/24/2013 15:06
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-39-3	Barium	0.63	mg/L	0.00063	J B	10	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-43-9	Cadmium	0.0078	mg/L	0.0000078	J	0.1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-38-2	Arsenic	0.0047	mg/L	0.0000047	J	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	Moisture	N/A	Percent Solids	84	%	0.084		0.1	MRL	1	Total	83052	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:13

240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-66-6	Zinc	0.13	mg/L	0.00013	J B	1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	8082	12674-11-2	Aroclor-1016	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-50-8	Copper	1	mg/L	0.001	U	1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	7470A	7439-97-6	Mercury	0.002	mg/L	0.000002	U	0.002	MRL	1	TCLP	83234	4/16/2013 12:00	4/22/2013 15:35	4/23/2013 10:03
240-23291-1	240-23291-13	E-DC-SCA-4	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83533	4/16/2013 12:00	4/22/2013 12:11	4/25/2013 16:00
240-23291-1	240-23291-13	E-DC-SCA-4	1010	N/A	Flashpoint	>180	Degrees F	#VALUE!		1	MRL	1	Total	82848	4/16/2013 12:00	1/1/0001 12:00 AM	4/20/2013 6:55
240-23291-1	240-23291-13	E-DC-SCA-4	9095A	N/A	Free Liquid	NEG	NONE	#VALUE!		0.1	MRL	1	Total	82976	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 9:30
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	0.000005	U	0.005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	72-20-8	Endrin	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	72-43-5	Methoxychlor	0.001	mg/L	0.000001	U	0.001	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02
240-23291-1	240-23291-13	E-DC-SCA-4	9045C	N/A	pH	6.88	SU	0.00688		0.1	MRL	1	Total	82819	4/16/2013 12:00	1/1/0001 12:00 AM	4/20/2013 11:36
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	8001-35-2	Toxaphene	0.02	mg/L	0.00002	U	0.02	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02
240-23291-1	240-23291-13	E-DC-SCA-4	9045C	N/A	pH	6.5	SU	0.0065	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:00	1/1/0001 12:00 AM	4/24/2013 15:38
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	76-44-8	Heptachlor	0.0005	mg/L	0.0000005	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02
240-23291-1	240-23291-13	E-DC-SCA-4	Moisture	N/A	Percent Moisture	16	%	0.016		0.1	MRL	1	Total	83052	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11096-82-5	Aroclor-1260	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11141-16-5	Aroclor-1232	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	8082	37324-23-5	Aroclor-1262	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	8082	53469-21-9	Aroclor-1242	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	8082	12672-29-6	Aroclor-1248	390	ug/Kg	0.39	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7782-49-2	Selenium	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	9034_Calc	18496-25-8	Sulfide	36	mg/Kg	0.036	U	36	MRL	1	Total	83220	4/16/2013 12:00	4/23/2013 10:12	4/23/2013 13:28
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7439-92-1	Lead	0.034	mg/L	0.000034	J	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-02-0	Nickel	0.0078	mg/L	0.0000078	J B	0.04	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-47-3	Chromium	0.5	mg/L	0.0005	U	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-22-4	Silver	0.5	mg/L	0.0005	U	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33
240-23291-1	240-23291-13	E-DC-SCA-4	2540G	N/A	Total Solids	86	%	0.086		0.02	MRL	1	Total	114040	4/16/2013 12:00	1/1/0001 12:00 AM	4/19/2013 21:41
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	108-90-7	Chlorobenzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	67-66-3	Chloroform	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	75-01-4	Vinyl chloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	79-01-6	Trichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	71-43-2	Benzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	0.00075	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41
240-23162-1	240-23162-8	E-SB-1000-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82155	4/12/2013 11:45	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-8	E-SB-1000-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82155	4/12/2013 11:45	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11096-82-5	Aroclor-1260	3000	ug/Kg	3		740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56
240-23162-1	240-23162-9	E-SB-1000-2-3	Moisture	N/A	Percent Moisture	9.8	%	0.0098		0.1	MRL	1	Total	82155	4/12/2013 11:50	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56
240-23162-1	240-23162-9	E-SB-1000-2-3	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82155	4/12/2013 11:50	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11096-82-5	Aroclor-1260	140	ug/Kg	0.14		37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11141-16-5	Aroclor-1232	760	ug/Kg	0.76	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11104-28-2	Aroclor-1221	760	ug/Kg	0.76	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11097-69-1	Aroclor-1254	760	ug/Kg	0.76	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27
240-23162-1	240-23162-11	E-SB-1001-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82155	4/12/2013 13:35	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	12674-11-2	Aroclor-1016	760	ug/Kg	0.76	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27
240-23162-1	240-23162-11	E-SB-1001-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82155	4/12/2013 13:35	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	53469-21-9	Aroclor-1242	760	ug/Kg	0.76	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	12672-29-6	Aroclor-1248	760	ug/Kg	0.76	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11096-82-5	Aroclor-1260	4200	ug/Kg	4.2		760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	12674-11-2	Aroclor-1016	3600	ug/Kg	3.6	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11097-69-1	Aroclor-1254	3600	ug/Kg	3.6	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11141-16-5	Aroclor-1232	3600	ug/Kg	3.6	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42

240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	53469-21-9	Aroclor-1242	3600	ug/Kg	3.6	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	12672-29-6	Aroclor-1248	3600	ug/Kg	3.6	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11104-28-2	Aroclor-1221	3600	ug/Kg	3.6	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42
240-23162-1	240-23162-12	E-SB-1001-2-3	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82155	4/12/2013 13:40	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-12	E-SB-1001-2-3	Moisture	N/A	Percent Moisture	8.9	%	0.0089		0.1	MRL	1	Total	82155	4/12/2013 13:40	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg	22		3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12
240-23162-1	240-23162-14	E-SB-1002-0.5-2	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82155	4/12/2013 13:55	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-14	E-SB-1002-0.5-2	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82155	4/12/2013 13:55	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11096-82-5	Aroclor-1260	630	ug/Kg	0.63		180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11096-82-5	Aroclor-1260	26000	ug/Kg	26		3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28
240-23162-1	240-23162-15	E-SB-1002-2-3	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82155	4/12/2013 14:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28
240-23162-1	240-23162-15	E-SB-1002-2-3	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82155	4/12/2013 14:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58
240-23162-1	240-23162-17	E-SB-1003-0.5-2	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82155	4/12/2013 14:20	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-17	E-SB-1003-0.5-2	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82155	4/12/2013 14:20	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11096-82-5	Aroclor-1260	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11097-69-1	Aroclor-1254	8400	ug/Kg	8.4		1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58
240-23162-1	240-23162-18	E-SB-1003-2-3	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82155	4/12/2013 14:25	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13
240-23162-1	240-23162-18	E-SB-1003-2-3	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82155	4/12/2013 14:25	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11096-82-5	Aroclor-1260	6800	ug/Kg	6.8		1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82155	4/12/2013 0:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82155	4/12/2013 0:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	0.74	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59
240-23162-1	240-23162-19	E-SB-1003-DUP-01-0.5-2	8082A	11096-82-5	Aroclor-1260	3100	ug/Kg	3.1		740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59
240-23162-1	240-23162-21	E-SB-1004-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82155	4/12/2013 14:45	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-21	E-SB-1004-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82155	4/12/2013 14:45	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	0.37	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	0.37	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	0.37	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	0.37	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11097-69-1	Aroclor-1254	370	ug/Kg	0.37	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	0.37	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11096-82-5	Aroclor-1260	1000	ug/Kg	1		370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16
240-23162-1	240-23162-22	E-SB-1004-2-3	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82155	4/12/2013 14:50	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16
240-23162-1	240-23162-22	E-SB-1004-2-3	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82155	4/12/2013 14:50	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11096-82-5	Aroclor-1260	9600	ug/Kg	9.6		1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16
240-23162-1	240-23162-24	E-SB-1005-0.5-2	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82155	4/12/2013 15:05	1/1/0001 12:00 AM	4/16/2013 12:59

240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11097-69-1	Aroclor-1254	370	ug/Kg	0.37	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	0.37	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	0.37	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	0.37	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	0.37	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08
240-23162-1	240-23162-24	E-SB-1005-0.5-2	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82155	4/12/2013 15:05	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	0.37	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11096-82-5	Aroclor-1260	2300	ug/Kg	2.3		370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11096-82-5	Aroclor-1260	12000	ug/Kg	12		3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23
240-23162-1	240-23162-25	E-SB-1005-2-3	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82155	4/12/2013 15:10	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-25	E-SB-1005-2-3	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82155	4/12/2013 15:10	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11096-82-5	Aroclor-1260	39000	ug/Kg	39		19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	19	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	19	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	19	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	19	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	19	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59
240-23215-1	240-23215-9	E-SB-1006-0.5-2	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/15/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	19	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59
240-23215-1	240-23215-9	E-SB-1006-0.5-2	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/15/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-10	E-SB-1006-2-3	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/15/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-10	E-SB-1006-2-3	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/15/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11096-82-5	Aroclor-1260	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	12672-29-6	Aroclor-1248	27	ug/Kg	0.027	J	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	8082A	11096-82-5	Aroclor-1260	8900	ug/Kg	8.9		1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-1	E-SB-1006-DUP-02-0.5-2	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-12	E-SB-1007-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/15/2013 10:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-12	E-SB-1007-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/15/2013 10:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11096-82-5	Aroclor-1260	21	ug/Kg	0.021	J	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	0.036	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	0.036	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	0.036	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	0.036	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38
240-23215-1	240-23215-13	E-SB-1007-2-3	Moisture	N/A	Percent Moisture	9.1	%	0.0091		0.1	MRL	1	Total	82365	4/15/2013 10:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-13	E-SB-1007-2-3	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82365	4/15/2013 10:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11097-69-1	Aroclor-1254	36	ug/Kg	0.036	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	0.036	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11096-82-5	Aroclor-1260	52	ug/Kg	0.052		36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	8082A	11104-28-2	Aroclor-1221	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	8082A	12674-11-2	Aroclor-1016	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	8082A	53469-21-9	Aroclor-1242	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	8082A	11097-69-1	Aroclor-1254	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	8082A	11141-16-5	Aroclor-1232	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15
240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	8082A	12672-29-6	Aroclor-1248	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15

240-23215-1	240-23215-2	E-SB-1007-DUP-03-0.5-2	8082A	11096-82-5	Aroclor-1260	2500	ug/Kg	2.5		380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	53469-21-9	Aroclor-1242	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11096-82-5	Aroclor-1260	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	12672-29-6	Aroclor-1248	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11141-16-5	Aroclor-1232	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	12674-11-2	Aroclor-1016	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11104-28-2	Aroclor-1221	380	ug/Kg	0.38	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29
240-23215-1	240-23215-15	E-SB-1008-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/15/2013 10:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-15	E-SB-1008-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/15/2013 10:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11097-69-1	Aroclor-1254	3100	ug/Kg	3.1		380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg	38		3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13
240-23215-1	240-23215-16	E-SB-1008-2-3	Moisture	N/A	Percent Solids	85	%	0.085		0.1	MRL	1	Total	82365	4/15/2013 10:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13
240-23215-1	240-23215-16	E-SB-1008-2-3	Moisture	N/A	Percent Moisture	15	%	0.015		0.1	MRL	1	Total	82365	4/15/2013 10:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13
240-23052-1	240-23052-5	E-SB-985-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82002	4/10/2013 13:45	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-5	E-SB-985-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82002	4/10/2013 13:45	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11096-82-5	Aroclor-1260	240	ug/Kg	0.24		180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42
240-23052-1	240-23052-6	E-SB-985-2-3	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82002	4/10/2013 13:50	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42
240-23052-1	240-23052-6	E-SB-985-2-3	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82002	4/10/2013 13:50	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11096-82-5	Aroclor-1260	660	ug/Kg	0.66		190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13
240-23052-1	240-23052-8	E-SB-986-0.5-2	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82002	4/10/2013 14:25	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-8	E-SB-986-0.5-2	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82002	4/10/2013 14:25	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	0.19	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11096-82-5	Aroclor-1260	410	ug/Kg	0.41		190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11096-82-5	Aroclor-1260	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28
240-23052-1	240-23052-9	E-SB-986-2-3	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82002	4/10/2013 14:30	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28
240-23052-1	240-23052-9	E-SB-986-2-3	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82002	4/10/2013 14:30	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11096-82-5	Aroclor-1260	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30
240-23052-1	240-23052-11	E-SB-987-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82002	4/10/2013 15:00	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	0.038	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30
240-23052-1	240-23052-11	E-SB-987-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82002	4/10/2013 15:00	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-12	E-SB-987-2-3	Moisture	N/A	Percent Moisture	8.4	%	0.0084		0.1	MRL	1	Total	82002	4/10/2013 15:05	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	0.036	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11097-69-1	Aroclor-1254	36	ug/Kg	0.036	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45
240-23052-1	240-23052-12	E-SB-987-2-3	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82002	4/10/2013 15:05	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	0.036	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	0.036	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45

240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11096-82-5	Aroclor-1260	36	ug/Kg	0.036	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	0.036	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	0.036	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42
240-23118-1	240-23118-11	E-SB-991-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 12:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-11	E-SB-991-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 12:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11096-82-5	Aroclor-1260	54	ug/Kg	0.054		37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	53469-21-9	Aroclor-1242	7100	ug/Kg	7.1	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	12672-29-6	Aroclor-1248	7100	ug/Kg	7.1	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26
240-23118-1	240-23118-10	E-SB-991-0-0.5	Moisture	N/A	Percent Moisture	8	%	0.008		0.1	MRL	1	Total	82365	4/11/2013 12:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-10	E-SB-991-0-0.5	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82365	4/11/2013 12:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11097-69-1	Aroclor-1254	7100	ug/Kg	7.1	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11141-16-5	Aroclor-1232	7100	ug/Kg	7.1	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11104-28-2	Aroclor-1221	7100	ug/Kg	7.1	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	12674-11-2	Aroclor-1016	7100	ug/Kg	7.1	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg	22		7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57
240-23118-1	240-23118-12	E-SB-991-2-3	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/11/2013 12:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57
240-23118-1	240-23118-12	E-SB-991-2-3	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82365	4/11/2013 12:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11096-82-5	Aroclor-1260	42	ug/Kg	0.042		37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	0.75	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	0.75	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	0.75	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	0.75	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04
240-23118-1	240-23118-14	E-SB-992-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 13:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-14	E-SB-992-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 13:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	0.75	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	0.75	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11096-82-5	Aroclor-1260	2500	ug/Kg	2.5		750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19
240-23118-1	240-23118-15	E-SB-992-2-3	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/11/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-15	E-SB-992-2-3	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/11/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11096-82-5	Aroclor-1260	34	ug/Kg	0.034	J	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	12674-11-2	Aroclor-1016	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	53469-21-9	Aroclor-1242	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55
240-23118-1	240-23118-17	E-SB-993-0.5-2	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82365	4/11/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-17	E-SB-993-0.5-2	Moisture	N/A	Percent Moisture	7.6	%	0.0076		0.1	MRL	1	Total	82365	4/11/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11104-28-2	Aroclor-1221	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	12672-29-6	Aroclor-1248	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11097-69-1	Aroclor-1254	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11141-16-5	Aroclor-1232	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11096-82-5	Aroclor-1260	14000	ug/Kg	14		1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33
240-23118-1	240-23118-18	E-SB-993-2-3	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82365	4/11/2013 14:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33
240-23118-1	240-23118-18	E-SB-993-2-3	Moisture	N/A	Percent Moisture	9.4	%	0.0094		0.1	MRL	1	Total	82365	4/11/2013 14:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11096-82-5	Aroclor-1260	140	ug/Kg	0.14		37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	0.36	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11097-69-1	Aroclor-1254	360	ug/Kg	0.36	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03
240-23118-1	240-23118-20	E-SB-994-0.5-2	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82365	4/11/2013 14:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-20	E-SB-994-0.5-2	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/11/2013 14:15	1/1/0001 12:00 AM	4/17/2013 12:52

240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	0.36	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	0.36	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	0.36	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	0.36	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11096-82-5	Aroclor-1260	1100	ug/Kg	1.1		360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18
240-23118-1	240-23118-21	E-SB-994-2-3	Moisture	N/A	Percent Moisture	9.6	%	0.0096		0.1	MRL	1	Total	82365	4/11/2013 14:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-21	E-SB-994-2-3	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/11/2013 14:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11096-82-5	Aroclor-1260	75	ug/Kg	0.075		37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	0.19	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	0.19	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47
240-23118-1	240-23118-29	E-SB-997-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 15:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-29	E-SB-997-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 15:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	0.19	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	0.19	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	0.19	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	0.19	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11096-82-5	Aroclor-1260	270	ug/Kg	0.27		190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02
240-23118-1	240-23118-30	E-SB-997-2-3	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/11/2013 15:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02
240-23118-1	240-23118-30	E-SB-997-2-3	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/11/2013 15:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	0.038	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11096-82-5	Aroclor-1260	31	ug/Kg	0.031	J	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02
240-23162-1	240-23162-2	E-SB-998-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82155	4/12/2013 10:05	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32
240-23162-1	240-23162-2	E-SB-998-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82155	4/12/2013 10:05	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11096-82-5	Aroclor-1260	140	ug/Kg	0.14		37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32
240-23162-1	240-23162-3	E-SB-998-2-3	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82155	4/12/2013 10:10	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47
240-23162-1	240-23162-3	E-SB-998-2-3	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82155	4/12/2013 10:10	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11096-82-5	Aroclor-1260	31	ug/Kg	0.031	J	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11104-28-2	Aroclor-1221	340	ug/Kg	0.34	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11097-69-1	Aroclor-1254	340	ug/Kg	0.34	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	12672-29-6	Aroclor-1248	340	ug/Kg	0.34	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55
240-23162-1	240-23162-5	E-SB-999-0.5-2	Moisture	N/A	Percent Moisture	4	%	0.004		0.1	MRL	1	Total	82155	4/12/2013 11:10	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	53469-21-9	Aroclor-1242	340	ug/Kg	0.34	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55
240-23162-1	240-23162-5	E-SB-999-0.5-2	Moisture	N/A	Percent Solids	96	%	0.096		0.1	MRL	1	Total	82155	4/12/2013 11:10	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	12674-11-2	Aroclor-1016	340	ug/Kg	0.34	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11141-16-5	Aroclor-1232	340	ug/Kg	0.34	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11096-82-5	Aroclor-1260	620	ug/Kg	0.62		340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55
240-23162-1	240-23162-6	E-SB-999-2-3	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82155	4/12/2013 11:15	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10
240-23162-1	240-23162-6	E-SB-999-2-3	Moisture	N/A	Percent Moisture	8.3	%	0.0083		0.1	MRL	1	Total	82155	4/12/2013 11:15	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	0.18	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	12674-11-2	Aroclor-1016	2200	ug/Kg	2.2	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11104-28-2	Aroclor-1221	2200	ug/Kg	2.2	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25

240-23162-1	240-23162-7	E-SS-1000-0-0.5	Moisture	N/A	Percent Solids	75	%	0.075		0.1	MRL	1	Total	82155	4/12/2013 11:40	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	53469-21-9	Aroclor-1242	2200	ug/Kg	2.2	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	12672-29-6	Aroclor-1248	2200	ug/Kg	2.2	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25
240-23162-1	240-23162-7	E-SS-1000-0-0.5	Moisture	N/A	Percent Moisture	25	%	0.025		0.1	MRL	1	Total	82155	4/12/2013 11:40	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11141-16-5	Aroclor-1232	2200	ug/Kg	2.2	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11097-69-1	Aroclor-1254	2200	ug/Kg	2.2	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11096-82-5	Aroclor-1260	7200	ug/Kg	7.2		2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	0.75	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	0.75	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	0.75	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	0.75	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	0.75	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	0.75	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11
240-23162-1	240-23162-10	E-SS-1001-0-0.5	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82155	4/12/2013 13:30	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-10	E-SS-1001-0-0.5	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82155	4/12/2013 13:30	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11096-82-5	Aroclor-1260	4900	ug/Kg	4.9		750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57
240-23162-1	240-23162-13	E-SS-1002-0-0.5	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82155	4/12/2013 13:50	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57
240-23162-1	240-23162-13	E-SS-1002-0-0.5	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82155	4/12/2013 13:50	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	18		3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11097-69-1	Aroclor-1254	24000	ug/Kg	24		3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11096-82-5	Aroclor-1260	3900	ug/Kg	3.9	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	53469-21-9	Aroclor-1242	3900	ug/Kg	3.9	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	12672-29-6	Aroclor-1248	3900	ug/Kg	3.9	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43
240-23162-1	240-23162-16	E-SS-1003-0-0.5	Moisture	N/A	Percent Solids	84	%	0.084		0.1	MRL	1	Total	82155	4/12/2013 14:15	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-16	E-SS-1003-0-0.5	Moisture	N/A	Percent Moisture	16	%	0.016		0.1	MRL	1	Total	82155	4/12/2013 14:15	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11141-16-5	Aroclor-1232	3900	ug/Kg	3.9	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	12674-11-2	Aroclor-1016	3900	ug/Kg	3.9	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11104-28-2	Aroclor-1221	3900	ug/Kg	3.9	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	2	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	2	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	2	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	2	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	2	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15
240-23162-1	240-23162-20	E-SS-1004-0-0.5	Moisture	N/A	Percent Moisture	20	%	0.02		0.1	MRL	1	Total	82155	4/12/2013 14:40	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-20	E-SS-1004-0-0.5	Moisture	N/A	Percent Solids	80	%	0.08		0.1	MRL	1	Total	82155	4/12/2013 14:40	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	2	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11096-82-5	Aroclor-1260	8800	ug/Kg	8.8		2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg	38		3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31
240-23162-1	240-23162-23	E-SS-1005-0-0.5	Moisture	N/A	Percent Solids	85	%	0.085		0.1	MRL	1	Total	82155	4/12/2013 15:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31
240-23162-1	240-23162-23	E-SS-1005-0-0.5	Moisture	N/A	Percent Moisture	15	%	0.015		0.1	MRL	1	Total	82155	4/12/2013 15:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11097-69-1	Aroclor-1254	6300	ug/Kg	6.3		730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	12672-29-6	Aroclor-1248	730	ug/Kg	0.73	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11141-16-5	Aroclor-1232	730	ug/Kg	0.73	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44
240-23215-1	240-23215-8	E-SS-1006-0-0.5	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/15/2013 9:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11096-82-5	Aroclor-1260	730	ug/Kg	0.73	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44
240-23215-1	240-23215-8	E-SS-1006-0-0.5	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82365	4/15/2013 9:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11104-28-2	Aroclor-1221	730	ug/Kg	0.73	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	53469-21-9	Aroclor-1242	730	ug/Kg	0.73	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	12674-11-2	Aroclor-1016	730	ug/Kg	0.73	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	0.038	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	0.038	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13
240-23215-1	240-23215-11	E-SS-1007-0-0.5	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/15/2013 10:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	0.038	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13
240-23215-1	240-23215-11	E-SS-1007-0-0.5	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/15/2013 10:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	0.038	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	0.038	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11096-82-5	Aroclor-1260	62	ug/Kg	0.062		38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	12672-29-6	Aroclor-1248	30	ug/Kg	0.03	J	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13

240-23215-1	240-23215-14	E-SS-1008-0-0.5	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/15/2013 10:30	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	0.37	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11096-82-5	Aroclor-1260	370	ug/Kg	0.37	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	0.37	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	0.37	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	0.37	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14
240-23215-1	240-23215-14	E-SS-1008-0-0.5	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/15/2013 10:30	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	0.37	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11097-69-1	Aroclor-1254	3200	ug/Kg	3.2		370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	8082A	11097-69-1	Aroclor-1254	6100	ug/Kg	6.1		750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	8082A	11096-82-5	Aroclor-1260	750	ug/Kg	0.75	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	0.75	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	0.75	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	0.75	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	0.75	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30
240-23215-1	240-23215-3	E-SS-1008-DUP-04-0-0.5	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	0.75	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	0.36	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	0.36	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35
240-23052-1	240-23052-4	E-SS-985-0-0.5	Moisture	N/A	Percent Moisture	8.3	%	0.0083		0.1	MRL	1	Total	82002	4/10/2013 13:40	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11097-69-1	Aroclor-1254	360	ug/Kg	0.36	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	0.36	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35
240-23052-1	240-23052-4	E-SS-985-0-0.5	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82002	4/10/2013 13:40	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	0.36	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	0.36	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11096-82-5	Aroclor-1260	3000	ug/Kg	3		360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	12672-29-6	Aroclor-1248	350	ug/Kg	0.35	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11104-28-2	Aroclor-1221	350	ug/Kg	0.35	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58
240-23052-1	240-23052-7	E-SS-986-0-0.5	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82002	4/10/2013 14:20	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	53469-21-9	Aroclor-1242	350	ug/Kg	0.35	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11141-16-5	Aroclor-1232	350	ug/Kg	0.35	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11097-69-1	Aroclor-1254	350	ug/Kg	0.35	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	12674-11-2	Aroclor-1016	350	ug/Kg	0.35	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58
240-23052-1	240-23052-7	E-SS-986-0-0.5	Moisture	N/A	Percent Moisture	7.5	%	0.0075		0.1	MRL	1	Total	82002	4/10/2013 14:20	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11096-82-5	Aroclor-1260	2000	ug/Kg	2		350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44
240-23052-1	240-23052-10	E-SS-987-0-0.5	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82002	4/10/2013 14:55	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44
240-23052-1	240-23052-10	E-SS-987-0-0.5	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82002	4/10/2013 14:55	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11096-82-5	Aroclor-1260	30000	ug/Kg	30		3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12
240-23118-1	240-23118-13	E-SS-992-0-0.5	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 13:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12
240-23118-1	240-23118-13	E-SS-992-0-0.5	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 13:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11096-82-5	Aroclor-1260	8800	ug/Kg	8.8		1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	53469-21-9	Aroclor-1242	3600	ug/Kg	3.6	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04
240-23118-1	240-23118-16	E-SS-993-0-0.5	Moisture	N/A	Percent Moisture	6	%	0.006		0.1	MRL	1	Total	82365	4/11/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	12672-29-6	Aroclor-1248	3600	ug/Kg	3.6	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11097-69-1	Aroclor-1254	3600	ug/Kg	3.6	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11141-16-5	Aroclor-1232	3600	ug/Kg	3.6	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11104-28-2	Aroclor-1221	3600	ug/Kg	3.6	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	12674-11-2	Aroclor-1016	3600	ug/Kg	3.6	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04
240-23118-1	240-23118-16	E-SS-993-0-0.5	Moisture	N/A	Percent Solids	94	%	0.094		0.1	MRL	1	Total	82365	4/11/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11096-82-5	Aroclor-1260	8900	ug/Kg	8.9		3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04
240-23118-1	240-23118-19	E-SS-994-0-0.5	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/11/2013 14:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48
240-23118-1	240-23118-19	E-SS-994-0-0.5	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/11/2013 14:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48

240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11096-82-5	Aroclor-1260	39000	ug/Kg	39		19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	53469-21-9	Aroclor-1242	3900	ug/Kg	3.9	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11097-69-1	Aroclor-1254	3900	ug/Kg	3.9	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11104-28-2	Aroclor-1221	3900	ug/Kg	3.9	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	12672-29-6	Aroclor-1248	3900	ug/Kg	3.9	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32
240-23118-1	240-23118-28	E-SS-997-0-0.5	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/11/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-28	E-SS-997-0-0.5	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/11/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11141-16-5	Aroclor-1232	3900	ug/Kg	3.9	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	12674-11-2	Aroclor-1016	3900	ug/Kg	3.9	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11096-82-5	Aroclor-1260	23000	ug/Kg	23		3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11096-82-5	Aroclor-1260	27000	ug/Kg	27		18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17
240-23162-1	240-23162-1	E-SS-998-0-0.5	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82155	4/12/2013 10:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-1	E-SS-998-0-0.5	Moisture	N/A	Percent Moisture	8.4	%	0.0084		0.1	MRL	1	Total	82155	4/12/2013 10:00	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11096-82-5	Aroclor-1260	26000	ug/Kg	26		4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11104-28-2	Aroclor-1221	4200	ug/Kg	4.2	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11141-16-5	Aroclor-1232	4200	ug/Kg	4.2	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39
240-23162-1	240-23162-4	E-SS-999-0-0.5	Moisture	N/A	Percent Moisture	21	%	0.021		0.1	MRL	1	Total	82155	4/12/2013 11:05	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-4	E-SS-999-0-0.5	Moisture	N/A	Percent Solids	79	%	0.079		0.1	MRL	1	Total	82155	4/12/2013 11:05	1/1/0001 12:00 AM	4/16/2013 12:59
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	53469-21-9	Aroclor-1242	4200	ug/Kg	4.2	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	12672-29-6	Aroclor-1248	4200	ug/Kg	4.2	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	12674-11-2	Aroclor-1016	4200	ug/Kg	4.2	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11097-69-1	Aroclor-1254	4200	ug/Kg	4.2	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39

Analysis
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Ignitability, Pensky-Martens Closed-Cup Method
Mercury (CVAA)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Herbicides (GC)
Ammonia
COD
HEM and SGT-HEM
Semivolatile Organic Compounds (GC/MS)
Metals (ICP)
Metals (ICP)
Herbicides (GC)
Metals (ICP)
Paint Filter
Percent Moisture
pH
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Percent Moisture
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
pH
Sulfide, Acid soluble and Insoluble (Titrimetric)
Total, Fixed, and Volatile Solids
Semivolatile Organic Compounds (GC/MS)
Solids, Total Volatile (TVS)
Semivolatile Organic Compounds (GC/MS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
HEM and SGT-HEM
Organochlorine Pesticides (GC)
Semivolatile Organic Compounds (GC/MS)
HEM and SGT-HEM
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Metals (ICP)
Cyanide, Total and/or Amenable
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Solids, Total Volatile (TVS)
Semivolatile Organic Compounds (GC/MS)
Sulfide, Acid soluble and Insoluble (Titrimetric)
Semivolatile Organic Compounds (GC/MS)
Total, Fixed, and Volatile Solids
Percent Moisture
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Semivolatile Organic Compounds (GC/MS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography

pH
pH
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Cyanide, Total and/or Amenable
COD
Herbicides (GC)
Metals (ICP)
Metals (ICP)
HEM and SGT-HEM
Metals (ICP)
HEM and SGT-HEM
Ammonia
Herbicides (GC)
Metals (ICP)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Mercury (CVAA)
Ignitability, Pensky-Martens Closed-Cup Method
Metals (ICP)
Semivolatile Organic Compounds (GC/MS)
Percent Moisture
Metals (ICP)
Metals (ICP)
Organochlorine Pesticides (GC)
Paint Filter
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Metals (ICP)
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Organochlorine Pesticides (GC)
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Volatile Organic Compounds (GC/MS)
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Volatile Organic Compounds (GC/MS)
Volatile Organic Compounds (GC/MS)
Volatile Organic Compounds (GC/MS)
Total, Fixed, and Volatile Solids
Semivolatile Organic Compounds (GC/MS)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Percent Moisture
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Paint Filter
Metals (ICP)
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Cyanide, Total and/or Amenable
HEM and SGT-HEM
HEM and SGT-HEM
Organochlorine Pesticides (GC)
Metals (ICP)

Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Organochlorine Pesticides (GC)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Solids, Total Volatile (TVS)
Semivolatile Organic Compounds (GC/MS)
Sulfide, Acid soluble and Insoluble (Titrimetric)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
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Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Percent Moisture
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Semivolatile Organic Compounds (GC/MS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
pH
pH
Organochlorine Pesticides (GC)
Herbicides (GC)
Metals (ICP)
Ignitability, Pensky-Martens Closed-Cup Method
Mercury (CVAA)
COD
Ammonia
Herbicides (GC)
Metals (ICP)
Metals (ICP)
Volatile Organic Compounds (GC/MS)
Volatile Organic Compounds (GC/MS)
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Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Semivolatile Organic Compounds (GC/MS)
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Solids, Total Volatile (TVS)
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Herbicides (GC)
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HEM and SGT-HEM
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
HEM and SGT-HEM
Cyanide, Total and/or Amenable
Semivolatile Organic Compounds (GC/MS)
Semivolatile Organic Compounds (GC/MS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Ammonia
COD
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Metals (ICP)
Metals (ICP)
Percent Moisture

Metals (ICP)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Metals (ICP)
Mercury (CVAA)
Herbicides (GC)
Ignitability, Pensky-Martens Closed-Cup Method
Paint Filter
Organochlorine Pesticides (GC)
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Percent Moisture
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
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Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Metals (ICP)
Sulfide, Acid soluble and Insoluble (Titrimetric)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Metals (ICP)
Total, Fixed, and Volatile Solids
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Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Column1	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11097-69-1	Aroclor-1254	170000	ug/Kg	170		37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	0.0002	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:15	1/1/0001 12:00 AM	4/25/2013 9:28
240-23291-1	240-23291-14	E-DC-SCA-5	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	0.034	U	34	MRL	1	Total	83220	4/16/2013 12:15	4/23/2013 10:12	4/23/2013 13:34
240-23291-1	240-23291-14	E-DC-SCA-5	2540G	N/A	Total Solids	88	%	0.088		0.02	MRL	1	Total	114040	4/16/2013 12:15	1/1/0001 12:00 AM	4/19/2013 21:43
240-23291-1	240-23291-14	E-DC-SCA-5	8082	53469-21-9	Aroclor-1242	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	8082	37324-23-5	Aroclor-1262	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	1664A	N/A	HEM	7.7	mg/L	0.0077	B	4.8	MRL	1	ASTM Leach	83310	4/16/2013 12:15	4/24/2013 8:37	4/24/2013 9:44
240-23291-1	240-23291-14	E-DC-SCA-5	1010	N/A	Flashpoint	>180	Degrees F	#VALUE!		1	MRL	1	Total	82848	4/16/2013 12:15	1/1/0001 12:00 AM	4/20/2013 7:22
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11104-28-2	Aroclor-1221	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11100-14-4	Aroclor-1268	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	160.4	N/A	Total Volatile Solids	25000	mg/Kg	25		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:16
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11141-16-5	Aroclor-1232	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11096-82-5	Aroclor-1260	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	8082	12672-29-6	Aroclor-1248	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	9095A	N/A	Free Liquid	NEG	NONE	#VALUE!		0.1	MRL	1	Total	82976	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 9:34
240-23291-1	240-23291-14	E-DC-SCA-5	9045C	N/A	pH	7.79	SU	0.00779		0.1	MRL	1	Total	82819	4/16/2013 12:15	1/1/0001 12:00 AM	4/20/2013 11:41
240-23291-1	240-23291-14	E-DC-SCA-5	9012A	57-12-5	Cyanide, Total	0.56	mg/Kg	0.00056	U	0.56	MRL	1	Total	82716	4/16/2013 12:15	4/19/2013 8:26	4/19/2013 10:00
240-23291-1	240-23291-14	E-DC-SCA-5	9071B	N/A	HEM	280	mg/Kg	0.28		230	MRL	1	Total	83342	4/16/2013 12:15	4/23/2013 14:49	4/24/2013 10:46
240-23291-1	240-23291-14	E-DC-SCA-5	410.4	N/A	Chemical Oxygen Demand	20	mg/L	0.02	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:15	4/24/2013 14:55	4/24/2013 15:08
240-23291-1	240-23291-14	E-DC-SCA-5	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	83052	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-14	E-DC-SCA-5	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	83052	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-14	E-DC-SCA-5	8082	12674-11-2	Aroclor-1016	37000	ug/Kg	37	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56
240-23291-1	240-23291-14	E-DC-SCA-5	9045C	N/A	pH	7.69	SU	0.00769	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:15	1/1/0001 12:00 AM	4/24/2013 15:41
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	108-90-7	Chlorobenzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	71-43-2	Benzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	75-01-4	Vinyl chloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	0.00075	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	79-01-6	Trichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	67-66-3	Chloroform	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11097-69-1	Aroclor-1254	200000	ug/Kg	200		18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	9012A	57-12-5	Cyanide, Total	0.57	mg/Kg	0.00057	U	0.57	MRL	1	Total	82716	4/16/2013 12:25	4/19/2013 8:26	4/19/2013 10:00
240-23291-1	240-23291-15	E-DC-SCA-6	9095A	N/A	Free Liquid	NEG	NONE	#VALUE!		0.1	MRL	1	Total	82976	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 9:39
240-23291-1	240-23291-15	E-DC-SCA-6	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	0.0002	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:25	1/1/0001 12:00 AM	4/25/2013 9:28
240-23291-1	240-23291-15	E-DC-SCA-6	1010	N/A	Flashpoint	>180	Degrees F	#VALUE!		1	MRL	1	Total	82848	4/16/2013 12:25	1/1/0001 12:00 AM	4/20/2013 7:50
240-23291-1	240-23291-15	E-DC-SCA-6	9071B	N/A	HEM	240	mg/Kg	0.24		210	MRL	1	Total	83342	4/16/2013 12:25	4/23/2013 14:49	4/24/2013 10:46
240-23291-1	240-23291-15	E-DC-SCA-6	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	83052	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-15	E-DC-SCA-6	Moisture	N/A	Percent Moisture	9.7	%	0.0097		0.1	MRL	1	Total	83052	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-15	E-DC-SCA-6	9045C	N/A	pH	7.08	SU	0.00708	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:25	1/1/0001 12:00 AM	4/24/2013 15:44
240-23291-1	240-23291-15	E-DC-SCA-6	9045C	N/A	pH	7.68	SU	0.00768		0.1	MRL	1	Total	82819	4/16/2013 12:25	1/1/0001 12:00 AM	4/20/2013 10:47
240-23291-1	240-23291-15	E-DC-SCA-6	8082	12674-11-2	Aroclor-1016	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	1664A	N/A	HEM	1.7	mg/L	0.0017	J B	4.8	MRL	1	ASTM Leach	83310	4/16/2013 12:25	4/24/2013 8:37	4/24/2013 9:44
240-23291-1	240-23291-15	E-DC-SCA-6	8082	37324-23-5	Aroclor-1262	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	2540G	N/A	Total Solids	92	%	0.092		0.02	MRL	1	Total	114040	4/16/2013 12:25	1/1/0001 12:00 AM	4/19/2013 21:45
240-23291-1	240-23291-15	E-DC-SCA-6	8082	53469-21-9	Aroclor-1242	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	8082	12672-29-6	Aroclor-1248	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11141-16-5	Aroclor-1232	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	160.4	N/A	Total Volatile Solids	19000	mg/Kg	19		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:18
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11104-28-2	Aroclor-1221	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11100-14-4	Aroclor-1268	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23291-1	240-23291-15	E-DC-SCA-6	410.4	N/A	Chemical Oxygen Demand	20	mg/L	0.02	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:25	4/24/2013 14:55	4/24/2013 15:08
240-23291-1	240-23291-15	E-DC-SCA-6	9034_Calc	18496-25-8	Sulfide	33	mg/Kg	0.033	U	33	MRL	1	Total	83220	4/16/2013 12:25	4/23/2013 10:12	4/23/2013 13:36
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11096-82-5	Aroclor-1260	18000	ug/Kg	18	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	75-01-4	Vinyl chloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	79-01-6	Trichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	71-43-2	Benzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	108-90-7	Chlorobenzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	0.00075	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	67-66-3	Chloroform	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11096-82-5	Aroclor-1260	21000	ug/Kg	21		1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21

240-23291-1	240-23291-16	E-DC-SCA-7	9045C	N/A	pH	7.61	SU	0.00761	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:35	1/1/0001 12:00 AM	4/24/2013 15:51
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11104-28-2	Aroclor-1221	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23291-1	240-23291-16	E-DC-SCA-7	9045C	N/A	pH	8.09	SU	0.00809		0.1	MRL	1	Total	82819	4/16/2013 12:35	1/1/0001 12:00 AM	4/20/2013 10:31
240-23291-1	240-23291-16	E-DC-SCA-7	9012A	57-12-5	Cyanide, Total	0.13	mg/Kg	0.00013	J B	0.58	MRL	1	Total	82716	4/16/2013 12:35	4/19/2013 8:26	4/19/2013 10:05
240-23291-1	240-23291-16	E-DC-SCA-7	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	0.0002	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:35	1/1/0001 12:00 AM	4/25/2013 9:28
240-23291-1	240-23291-16	E-DC-SCA-7	9071B	N/A	HEM	220	mg/Kg	0.22	U	220	MRL	1	Total	83342	4/16/2013 12:35	4/23/2013 14:49	4/24/2013 10:46
240-23291-1	240-23291-16	E-DC-SCA-7	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	83052	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-16	E-DC-SCA-7	1010	N/A	Flashpoint	>180	Degrees F	#VALUE!		1	MRL	1	Total	82848	4/16/2013 12:35	1/1/0001 12:00 AM	4/20/2013 8:17
240-23291-1	240-23291-16	E-DC-SCA-7	8082	12674-11-2	Aroclor-1016	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23291-1	240-23291-16	E-DC-SCA-7	Moisture	N/A	Percent Moisture	9.9	%	0.0099		0.1	MRL	1	Total	83052	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-16	E-DC-SCA-7	410.4	N/A	Chemical Oxygen Demand	20	mg/L	0.02	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:35	4/24/2013 14:55	4/24/2013 15:09
240-23291-1	240-23291-16	E-DC-SCA-7	1664A	N/A	HEM	4.7	mg/L	0.0047	U	4.7	MRL	1	ASTM Leach	83310	4/16/2013 12:35	4/24/2013 8:37	4/24/2013 9:44
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11097-69-1	Aroclor-1254	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11100-14-4	Aroclor-1268	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23291-1	240-23291-16	E-DC-SCA-7	2540G	N/A	Total Solids	88	%	0.088		0.02	MRL	1	Total	114040	4/16/2013 12:35	1/1/0001 12:00 AM	4/19/2013 21:49
240-23291-1	240-23291-16	E-DC-SCA-7	160.4	N/A	Total Volatile Solids	24000	mg/Kg	24		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:20
240-23291-1	240-23291-16	E-DC-SCA-7	9095A	N/A	Free Liquid	NEG	NONE	#VALUE!		0.1	MRL	1	Total	82976	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 9:43
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11141-16-5	Aroclor-1232	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23291-1	240-23291-16	E-DC-SCA-7	8082	53469-21-9	Aroclor-1242	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23291-1	240-23291-16	E-DC-SCA-7	8082	12672-29-6	Aroclor-1248	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23291-1	240-23291-16	E-DC-SCA-7	9034_Calc	18496-25-8	Sulfide	33	mg/Kg	0.033	U	33	MRL	1	Total	83220	4/16/2013 12:35	4/23/2013 10:12	4/23/2013 13:38
240-23291-1	240-23291-16	E-DC-SCA-7	8082	37324-23-5	Aroclor-1262	1800	ug/Kg	1.8	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	71-43-2	Benzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	108-90-7	Chlorobenzene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	0.00025	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	79-01-6	Trichloroethylene	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	67-66-3	Chloroform	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	75-01-4	Vinyl chloride	0.025	mg/L	0.000025	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	0.00075	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11097-69-1	Aroclor-1254	2700000	ug/Kg	2700		370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	370	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	370	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	370	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13
240-23215-1	240-23215-18	E-SB-1009-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/15/2013 10:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	370	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	370	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13
240-23215-1	240-23215-18	E-SB-1009-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/15/2013 10:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	370	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	0.36	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	0.36	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59
240-23215-1	240-23215-19	E-SB-1009-2-3	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/15/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	0.36	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	0.36	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59
240-23215-1	240-23215-19	E-SB-1009-2-3	Moisture	N/A	Percent Moisture	9.7	%	0.0097		0.1	MRL	1	Total	82365	4/15/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	0.36	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	0.36	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11097-69-1	Aroclor-1254	1400	ug/Kg	1.4		360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	8082A	11097-69-1	Aroclor-1254	1100	ug/Kg	1.1		360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	0.36	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	0.36	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	0.36	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	0.36	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	Moisture	N/A	Percent Moisture	9.8	%	0.0098		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	0.36	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45
240-23215-1	240-23215-4	E-SB-1009-DUP-05-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	0.36	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11097-69-1	Aroclor-1254	4700000	ug/Kg	4700		370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02
240-23215-1	240-23215-21	E-SB-1010-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/15/2013 11:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-21	E-SB-1010-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/15/2013 11:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	370	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	370	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	370	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	370	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	370	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	370	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11097-69-1	Aroclor-1254	810000	ug/Kg	810		190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11

240-23215-1	240-23215-22	E-SB-1010-2-3	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/15/2013 11:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11
240-23215-1	240-23215-22	E-SB-1010-2-3	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/15/2013 11:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11097-69-1	Aroclor-1254	1200000	ug/Kg	1200		190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39
240-23215-1	240-23215-24	E-SB-1011-0.5-2	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/15/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39
240-23215-1	240-23215-24	E-SB-1011-0.5-2	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/15/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53
240-23215-1	240-23215-25	E-SB-1011-2-3	Moisture	N/A	Percent Moisture	7.2	%	0.0072		0.1	MRL	1	Total	82365	4/15/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53
240-23215-1	240-23215-25	E-SB-1011-2-3	Moisture	N/A	Percent Solids	93	%	0.093		0.1	MRL	1	Total	82365	4/15/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11097-69-1	Aroclor-1254	370	ug/Kg	0.37		180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	8082A	11097-69-1	Aroclor-1254	1300000	ug/Kg	1300		190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	190	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	190	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	190	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	190	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	190	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-5	E-SB-1011-DUP-06-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	190	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11097-69-1	Aroclor-1254	400000	ug/Kg	400		190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21
240-23215-1	240-23215-27	E-SB-1012-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/15/2013 13:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-27	E-SB-1012-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/15/2013 13:20	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11097-69-1	Aroclor-1254	340000	ug/Kg	340		190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36
240-23215-1	240-23215-28	E-SB-1012-2-3	Moisture	N/A	Percent Solids	85	%	0.085		0.1	MRL	1	Total	82365	4/15/2013 13:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36
240-23215-1	240-23215-28	E-SB-1012-2-3	Moisture	N/A	Percent Moisture	15	%	0.015		0.1	MRL	1	Total	82365	4/15/2013 13:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	8082A	11097-69-1	Aroclor-1254	700000	ug/Kg	700		380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	8082A	12674-11-2	Aroclor-1016	380000	ug/Kg	380	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	8082A	11104-28-2	Aroclor-1221	380000	ug/Kg	380	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	8082A	12672-29-6	Aroclor-1248	380000	ug/Kg	380	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	8082A	11141-16-5	Aroclor-1232	380000	ug/Kg	380	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	8082A	53469-21-9	Aroclor-1242	380000	ug/Kg	380	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15
240-23215-1	240-23215-6	E-SB-1012-DUP-08-2-3	8082A	11096-82-5	Aroclor-1260	380000	ug/Kg	380	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11096-82-5	Aroclor-1260	38000	ug/Kg	38		38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	12674-11-2	Aroclor-1016	38000	ug/Kg	38	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg	38	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11104-28-2	Aroclor-1221	38000	ug/Kg	38	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	53469-21-9	Aroclor-1242	38000	ug/Kg	38	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04
240-23215-1	240-23215-30	E-SB-1013-0.5-2	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/15/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-30	E-SB-1013-0.5-2	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/15/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	12672-29-6	Aroclor-1248	38000	ug/Kg	38	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04

240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11141-16-5	Aroclor-1232	38000	ug/Kg	38	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11097-69-1	Aroclor-1254	70000	ug/Kg	70		19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11096-82-5	Aroclor-1260	19000	ug/Kg	19	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18
240-23215-1	240-23215-31	E-SB-1013-2-3	Moisture	N/A	Percent Moisture	16	%	0.016		0.1	MRL	1	Total	82365	4/15/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-31	E-SB-1013-2-3	Moisture	N/A	Percent Solids	84	%	0.084		0.1	MRL	1	Total	82365	4/15/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	19	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	19	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	19	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	19	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	19	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11097-69-1	Aroclor-1254	780000	ug/Kg	780		370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	370	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	370	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15
240-23215-1	240-23215-33	E-SB-1014-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/15/2013 14:30	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	370	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	370	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15
240-23215-1	240-23215-33	E-SB-1014-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/15/2013 14:30	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	370	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	370	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15
240-23215-1	240-23215-34	E-SB-1014-2-3	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82365	4/15/2013 14:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-34	E-SB-1014-2-3	Moisture	N/A	Percent Moisture	9.4	%	0.0094		0.1	MRL	1	Total	82365	4/15/2013 14:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	0.18	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11097-69-1	Aroclor-1254	310	ug/Kg	0.31		180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	8082A	11097-69-1	Aroclor-1254	260	ug/Kg	0.26		36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	0.036	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	0.036	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	0.036	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	0.036	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	0.036	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	8082A	11096-82-5	Aroclor-1260	36	ug/Kg	0.036	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29
240-23215-1	240-23215-7	E-SB-1014-DUP-09-2-3	Moisture	N/A	Percent Moisture	9	%	0.009		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11097-69-1	Aroclor-1254	130000	ug/Kg	130		18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	18	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17
240-23215-1	240-23215-36	E-SB-1015-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/15/2013 15:05	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11096-82-5	Aroclor-1260	18000	ug/Kg	18	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	18	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	18	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17
240-23215-1	240-23215-36	E-SB-1015-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/15/2013 15:05	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	18	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	18	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11097-69-1	Aroclor-1254	1600000	ug/Kg	1600		190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12
240-23215-1	240-23215-37	E-SB-1015-2-3	Moisture	N/A	Percent Solids	85	%	0.085		0.1	MRL	1	Total	82365	4/15/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12
240-23215-1	240-23215-37	E-SB-1015-2-3	Moisture	N/A	Percent Moisture	15	%	0.015		0.1	MRL	1	Total	82365	4/15/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	190	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11096-82-5	Aroclor-1260	9000	ug/Kg	9		740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	0.74	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	0.74	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30
240-23291-1	240-23291-5	E-SB-1016-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	83052	4/16/2013 10:00	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	0.74	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30
240-23291-1	240-23291-5	E-SB-1016-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	83052	4/16/2013 10:00	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	0.74	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	0.74	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	0.74	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11097-69-1	Aroclor-1254	120000	ug/Kg	120		7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	12672-29-6	Aroclor-1248	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	12674-11-2	Aroclor-1016	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46
240-23291-1	240-23291-6	E-SB-1016-2-3	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	83052	4/16/2013 10:05	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11104-28-2	Aroclor-1221	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46
240-23291-1	240-23291-6	E-SB-1016-2-3	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	83052	4/16/2013 10:05	1/1/0001 12:00 AM	4/22/2013 14:13

240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11141-16-5	Aroclor-1232	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11096-82-5	Aroclor-1260	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	53469-21-9	Aroclor-1242	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	8082A	11096-82-5	Aroclor-1260	11000	ug/Kg	11		1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44
240-23291-1	240-23291-2	E-SB-1016-DUP-10-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11097-69-1	Aroclor-1254	85000	ug/Kg	85		7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11104-28-2	Aroclor-1221	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11141-16-5	Aroclor-1232	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	12672-29-6	Aroclor-1248	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	12674-11-2	Aroclor-1016	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17
240-23291-1	240-23291-8	E-SB-1017-0.5-2	Moisture	N/A	Percent Moisture	17	%	0.017		0.1	MRL	1	Total	83052	4/16/2013 10:20	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	53469-21-9	Aroclor-1242	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17
240-23291-1	240-23291-8	E-SB-1017-0.5-2	Moisture	N/A	Percent Solids	83	%	0.083		0.1	MRL	1	Total	83052	4/16/2013 10:20	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11096-82-5	Aroclor-1260	7800	ug/Kg	7.8	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11097-69-1	Aroclor-1254	6400	ug/Kg	6.4		360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	53469-21-9	Aroclor-1242	150	ug/Kg	0.15	J	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	0.36	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	0.36	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	0.36	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33
240-23291-1	240-23291-9	E-SB-1017-2-3	Moisture	N/A	Percent Moisture	8.7	%	0.0087		0.1	MRL	1	Total	83052	4/16/2013 10:25	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	0.36	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	0.36	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33
240-23291-1	240-23291-9	E-SB-1017-2-3	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	83052	4/16/2013 10:25	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11096-82-5	Aroclor-1260	29000	ug/Kg	29		3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04
240-23291-1	240-23291-11	E-SB-1018-0.5-2	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	83052	4/16/2013 10:45	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04
240-23291-1	240-23291-11	E-SB-1018-0.5-2	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	83052	4/16/2013 10:45	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19
240-23291-1	240-23291-12	E-SB-1018-2-3	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	83052	4/16/2013 10:50	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-12	E-SB-1018-2-3	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	83052	4/16/2013 10:50	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11096-82-5	Aroclor-1260	37	ug/Kg	0.037	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11097-69-1	Aroclor-1254	51	ug/Kg	0.051		37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	8082A	11097-69-1	Aroclor-1254	76000	ug/Kg	76		7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	8082A	53469-21-9	Aroclor-1242	7500	ug/Kg	7.5	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	8082A	11096-82-5	Aroclor-1260	7500	ug/Kg	7.5	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	8082A	12672-29-6	Aroclor-1248	7500	ug/Kg	7.5	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	8082A	11141-16-5	Aroclor-1232	7500	ug/Kg	7.5	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	8082A	11104-28-2	Aroclor-1221	7500	ug/Kg	7.5	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-3	E-SB-1018-DUP-11-0-0.5	8082A	12674-11-2	Aroclor-1016	7500	ug/Kg	7.5	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	12674-11-2	Aroclor-1016	180000	ug/Kg	180	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41
240-23052-1	240-23052-2	E-SB-984-0.5-2	Moisture	N/A	Percent Moisture	8.6	%	0.0086		0.1	MRL	1	Total	82002	4/10/2013 12:02	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-2	E-SB-984-0.5-2	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82002	4/10/2013 12:02	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11104-28-2	Aroclor-1221	180000	ug/Kg	180	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11141-16-5	Aroclor-1232	180000	ug/Kg	180	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11097-69-1	Aroclor-1254	180000	ug/Kg	180	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	12672-29-6	Aroclor-1248	180000	ug/Kg	180	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	53469-21-9	Aroclor-1242	180000	ug/Kg	180	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11096-82-5	Aroclor-1260	990000	ug/Kg	990		180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57

240-23052-1	240-23052-3	E-SB-984-2-3	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82002	4/10/2013 12:05	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57
240-23052-1	240-23052-3	E-SB-984-2-3	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82002	4/10/2013 12:05	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11096-82-5	Aroclor-1260	290	ug/Kg	0.29		180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57
240-23118-1	240-23118-2	E-SB-988-0.5-2	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-2	E-SB-988-0.5-2	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	0.75	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	0.75	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	0.75	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	0.75	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	0.75	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	0.75	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11096-82-5	Aroclor-1260	3700	ug/Kg	3.7		750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25
240-23118-1	240-23118-3	E-SB-988-2-3	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/11/2013 10:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-3	E-SB-988-2-3	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82365	4/11/2013 10:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11096-82-5	Aroclor-1260	34	ug/Kg	0.034	J	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11096-82-5	Aroclor-1260	34000	ug/Kg	34		7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	12674-11-2	Aroclor-1016	7400	ug/Kg	7.4	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10
240-23118-1	240-23118-5	E-SB-989-0.5-2	Moisture	N/A	Percent Moisture	9.8	%	0.0098		0.1	MRL	1	Total	82365	4/11/2013 11:05	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11097-69-1	Aroclor-1254	7400	ug/Kg	7.4	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10
240-23118-1	240-23118-5	E-SB-989-0.5-2	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/11/2013 11:05	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11104-28-2	Aroclor-1221	7400	ug/Kg	7.4	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	12672-29-6	Aroclor-1248	7400	ug/Kg	7.4	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	53469-21-9	Aroclor-1242	7400	ug/Kg	7.4	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11141-16-5	Aroclor-1232	7400	ug/Kg	7.4	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10
240-23118-1	240-23118-6	E-SB-989-2-3	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 11:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-6	E-SB-989-2-3	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 11:10	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11096-82-5	Aroclor-1260	23	ug/Kg	0.023	J	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11096-82-5	Aroclor-1260	60000	ug/Kg	60		18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	18	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	18	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	18	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56
240-23118-1	240-23118-8	E-SB-990-0.5-2	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/11/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-8	E-SB-990-0.5-2	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82365	4/11/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	18	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	18	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	18	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11
240-23118-1	240-23118-9	E-SB-990-2-3	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/11/2013 11:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-9	E-SB-990-2-3	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/11/2013 11:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	0.037	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11096-82-5	Aroclor-1260	39	ug/Kg	0.039		37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48
240-23118-1	240-23118-23	E-SB-995-0.5-2	Moisture	N/A	Percent Moisture	9.7	%	0.0097		0.1	MRL	1	Total	82365	4/11/2013 14:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-23	E-SB-995-0.5-2	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/11/2013 14:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11096-82-5	Aroclor-1260	34000	ug/Kg	34		19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03

240-23118-1	240-23118-24	E-SB-995-2-3	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03
240-23118-1	240-23118-24	E-SB-995-2-3	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11096-82-5	Aroclor-1260	5500	ug/Kg	5.5		1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11096-82-5	Aroclor-1260	74000	ug/Kg	74		18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02
240-23118-1	240-23118-26	E-SB-996-0.5-2	Moisture	N/A	Percent Moisture	9.4	%	0.0094		0.1	MRL	1	Total	82365	4/11/2013 14:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02
240-23118-1	240-23118-26	E-SB-996-0.5-2	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82365	4/11/2013 14:55	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	12674-11-2	Aroclor-1016	390	ug/Kg	0.39	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17
240-23118-1	240-23118-27	E-SB-996-2-3	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/11/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11141-16-5	Aroclor-1232	390	ug/Kg	0.39	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	12672-29-6	Aroclor-1248	390	ug/Kg	0.39	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11097-69-1	Aroclor-1254	390	ug/Kg	0.39	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	53469-21-9	Aroclor-1242	390	ug/Kg	0.39	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17
240-23118-1	240-23118-27	E-SB-996-2-3	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/11/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11104-28-2	Aroclor-1221	390	ug/Kg	0.39	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11096-82-5	Aroclor-1260	550	ug/Kg	0.55		390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11096-82-5	Aroclor-1260	19000	ug/Kg	19		3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58
240-23215-1	240-23215-17	E-SS-1009-0-0.5	Moisture	N/A	Percent Moisture	15	%	0.015		0.1	MRL	1	Total	82365	4/15/2013 10:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-17	E-SS-1009-0-0.5	Moisture	N/A	Percent Solids	85	%	0.085		0.1	MRL	1	Total	82365	4/15/2013 10:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	3.8	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11096-82-5	Aroclor-1260	4400	ug/Kg	4.4		1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42
240-23215-1	240-23215-20	E-SS-1010-0-0.5	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	82365	4/15/2013 11:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	1.9	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42
240-23215-1	240-23215-20	E-SS-1010-0-0.5	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	82365	4/15/2013 11:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11096-82-5	Aroclor-1260	9700	ug/Kg	9.7		2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	2	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	2	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25
240-23215-1	240-23215-23	E-SS-1011-0-0.5	Moisture	N/A	Percent Moisture	16	%	0.016		0.1	MRL	1	Total	82365	4/15/2013 11:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-23	E-SS-1011-0-0.5	Moisture	N/A	Percent Solids	84	%	0.084		0.1	MRL	1	Total	82365	4/15/2013 11:35	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	2	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	2	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	2	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	2	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11096-82-5	Aroclor-1260	44000	ug/Kg	44		17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11097-69-1	Aroclor-1254	17000	ug/Kg	17	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	53469-21-9	Aroclor-1242	17000	ug/Kg	17	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	12672-29-6	Aroclor-1248	17000	ug/Kg	17	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11104-28-2	Aroclor-1221	17000	ug/Kg	17	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	12674-11-2	Aroclor-1016	17000	ug/Kg	17	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07
240-23215-1	240-23215-26	E-SS-1012-0-0.5	Moisture	N/A	Percent Solids	95	%	0.095		0.1	MRL	1	Total	82365	4/15/2013 13:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11141-16-5	Aroclor-1232	17000	ug/Kg	17	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07
240-23215-1	240-23215-26	E-SS-1012-0-0.5	Moisture	N/A	Percent Moisture	5.4	%	0.0054		0.1	MRL	1	Total	82365	4/15/2013 13:15	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	8082A	11096-82-5	Aroclor-1260	32000	ug/Kg	32		7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	Moisture	N/A	Percent Moisture	9.4	%	0.0094		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	8082A	11104-28-2	Aroclor-1221	7300	ug/Kg	7.3	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	8082A	12674-11-2	Aroclor-1016	7300	ug/Kg	7.3	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	8082A	11141-16-5	Aroclor-1232	7300	ug/Kg	7.3	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	8082A	53469-21-9	Aroclor-1242	7300	ug/Kg	7.3	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	8082A	11097-69-1	Aroclor-1254	7300	ug/Kg	7.3	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	Moisture	N/A	Percent Solids	91	%	0.091		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-38	E-SS-1012-DUP-07-0-0.5	8082A	12672-29-6	Aroclor-1248	7300	ug/Kg	7.3	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26

240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11096-82-5	Aroclor-1260	32000	ug/Kg	32		20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	53469-21-9	Aroclor-1242	20000	ug/Kg	20	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	12672-29-6	Aroclor-1248	20000	ug/Kg	20	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50
240-23215-1	240-23215-29	E-SS-1013-0-0.5	Moisture	N/A	Percent Solids	84	%	0.084		0.1	MRL	1	Total	82365	4/15/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11104-28-2	Aroclor-1221	20000	ug/Kg	20	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50
240-23215-1	240-23215-29	E-SS-1013-0-0.5	Moisture	N/A	Percent Moisture	16	%	0.016		0.1	MRL	1	Total	82365	4/15/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11097-69-1	Aroclor-1254	20000	ug/Kg	20	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11141-16-5	Aroclor-1232	20000	ug/Kg	20	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	12674-11-2	Aroclor-1016	20000	ug/Kg	20	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11096-82-5	Aroclor-1260	3600	ug/Kg	3.6		1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	53469-21-9	Aroclor-1242	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32
240-23215-1	240-23215-32	E-SS-1014-0-0.5	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/15/2013 14:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11097-69-1	Aroclor-1254	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	12672-29-6	Aroclor-1248	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11104-28-2	Aroclor-1221	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11141-16-5	Aroclor-1232	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	12674-11-2	Aroclor-1016	1800	ug/Kg	1.8	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32
240-23215-1	240-23215-32	E-SS-1014-0-0.5	Moisture	N/A	Percent Moisture	9.8	%	0.0098		0.1	MRL	1	Total	82365	4/15/2013 14:25	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11097-69-1	Aroclor-1254	100000	ug/Kg	100		18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	18	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11096-82-5	Aroclor-1260	18000	ug/Kg	18	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	18	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43
240-23215-1	240-23215-35	E-SS-1015-0-0.5	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82365	4/15/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	18	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	18	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43
240-23215-1	240-23215-35	E-SS-1015-0-0.5	Moisture	N/A	Percent Moisture	10	%	0.01		0.1	MRL	1	Total	82365	4/15/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	18	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11096-82-5	Aroclor-1260	3300	ug/Kg	3.3		390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11104-28-2	Aroclor-1221	390	ug/Kg	0.39	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15
240-23291-1	240-23291-4	E-SS-1016-0-0.5	Moisture	N/A	Percent Solids	85	%	0.085		0.1	MRL	1	Total	83052	4/16/2013 9:55	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	12672-29-6	Aroclor-1248	390	ug/Kg	0.39	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11141-16-5	Aroclor-1232	390	ug/Kg	0.39	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11097-69-1	Aroclor-1254	390	ug/Kg	0.39	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15
240-23291-1	240-23291-4	E-SS-1016-0-0.5	Moisture	N/A	Percent Moisture	15	%	0.015		0.1	MRL	1	Total	83052	4/16/2013 9:55	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	12674-11-2	Aroclor-1016	390	ug/Kg	0.39	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	53469-21-9	Aroclor-1242	390	ug/Kg	0.39	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11096-82-5	Aroclor-1260	14000	ug/Kg	14		2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	2	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	2	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02
240-23291-1	240-23291-7	E-SS-1017-0-0.5	Moisture	N/A	Percent Moisture	16	%	0.016		0.1	MRL	1	Total	83052	4/16/2013 10:15	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	2	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	2	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	2	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02
240-23291-1	240-23291-7	E-SS-1017-0-0.5	Moisture	N/A	Percent Solids	84	%	0.084		0.1	MRL	1	Total	83052	4/16/2013 10:15	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	2	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11097-69-1	Aroclor-1254	85000	ug/Kg	85		7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	12674-11-2	Aroclor-1016	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11096-82-5	Aroclor-1260	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	12672-29-6	Aroclor-1248	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	53469-21-9	Aroclor-1242	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48
240-23291-1	240-23291-10	E-SS-1018-0-0.5	Moisture	N/A	Percent Solids	88	%	0.088		0.1	MRL	1	Total	83052	4/16/2013 10:40	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11104-28-2	Aroclor-1221	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48
240-23291-1	240-23291-10	E-SS-1018-0-0.5	Moisture	N/A	Percent Moisture	12	%	0.012		0.1	MRL	1	Total	83052	4/16/2013 10:40	1/1/0001 12:00 AM	4/22/2013 14:13
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11141-16-5	Aroclor-1232	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26
240-23052-1	240-23052-1	E-SS-984-0-0.5	Moisture	N/A	Percent Moisture	9.7	%	0.0097		0.1	MRL	1	Total	82002	4/10/2013 12:00	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26
240-23052-1	240-23052-1	E-SS-984-0-0.5	Moisture	N/A	Percent Solids	90	%	0.09		0.1	MRL	1	Total	82002	4/10/2013 12:00	1/1/0001 12:00 AM	4/15/2013 14:06
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	0.18	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11096-82-5	Aroclor-1260	740	ug/Kg	0.74		180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	19	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	19	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	19	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	19	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10
240-23118-1	240-23118-1	E-SS-988-0-0.5	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/11/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	19	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	19	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10

240-23118-1	240-23118-1	E-SS-988-0-0.5	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/11/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11096-82-5	Aroclor-1260	80000	ug/Kg	80		19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11096-82-5	Aroclor-1260	45000	ug/Kg	45		7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	53469-21-9	Aroclor-1242	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	12672-29-6	Aroclor-1248	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11097-69-1	Aroclor-1254	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55
240-23118-1	240-23118-4	E-SS-989-0-0.5	Moisture	N/A	Percent Solids	86	%	0.086		0.1	MRL	1	Total	82365	4/11/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-4	E-SS-989-0-0.5	Moisture	N/A	Percent Moisture	14	%	0.014		0.1	MRL	1	Total	82365	4/11/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11104-28-2	Aroclor-1221	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11141-16-5	Aroclor-1232	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	12674-11-2	Aroclor-1016	7600	ug/Kg	7.6	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	53469-21-9	Aroclor-1242	7200	ug/Kg	7.2	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	12672-29-6	Aroclor-1248	7200	ug/Kg	7.2	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41
240-23118-1	240-23118-7	E-SS-990-0-0.5	Moisture	N/A	Percent Solids	92	%	0.092		0.1	MRL	1	Total	82365	4/11/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-7	E-SS-990-0-0.5	Moisture	N/A	Percent Moisture	8.4	%	0.0084		0.1	MRL	1	Total	82365	4/11/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11104-28-2	Aroclor-1221	7200	ug/Kg	7.2	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11141-16-5	Aroclor-1232	7200	ug/Kg	7.2	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	12674-11-2	Aroclor-1016	7200	ug/Kg	7.2	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11097-69-1	Aroclor-1254	7200	ug/Kg	7.2	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg	22		7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11096-82-5	Aroclor-1260	62000	ug/Kg	62		19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33
240-23118-1	240-23118-22	E-SS-995-0-0.5	Moisture	N/A	Percent Moisture	13	%	0.013		0.1	MRL	1	Total	82365	4/11/2013 14:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33
240-23118-1	240-23118-22	E-SS-995-0-0.5	Moisture	N/A	Percent Solids	87	%	0.087		0.1	MRL	1	Total	82365	4/11/2013 14:40	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	19	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18
240-23118-1	240-23118-25	E-SS-996-0-0.5	Moisture	N/A	Percent Solids	89	%	0.089		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	18	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18
240-23118-1	240-23118-25	E-SS-996-0-0.5	Moisture	N/A	Percent Moisture	11	%	0.011		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11096-82-5	Aroclor-1260	36000	ug/Kg	36		18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18

Analysis
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Ammonia
Sulfide, Acid soluble and Insoluble (Titrimetric)
Total, Fixed, and Volatile Solids
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
HEM and SGT-HEM
Ignitability, Pensky-Martens Closed-Cup Method
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Solids, Total Volatile (TVS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Paint Filter
pH
Cyanide, Total and/or Amenable
HEM and SGT-HEM
COD
Percent Moisture
Percent Moisture
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
pH
Volatile Organic Compounds (GC/MS)
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Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Cyanide, Total and/or Amenable
Volatile Organic Compounds (GC/MS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Cyanide, Total and/or Amenable
Paint Filter
Ammonia
Ignitability, Pensky-Martens Closed-Cup Method
HEM and SGT-HEM
Percent Moisture
Percent Moisture
pH
pH
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
HEM and SGT-HEM
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Total, Fixed, and Volatile Solids
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Solids, Total Volatile (TVS)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
COD
Sulfide, Acid soluble and Insoluble (Titrimetric)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Volatile Organic Compounds (GC/MS)
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Polychlorinated Biphenyls (PCBs) by Gas Chromatography

pH
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
pH
Cyanide, Total and/or Amenable
Ammonia
HEM and SGT-HEM
Percent Moisture
Ignitability, Pensky-Martens Closed-Cup Method
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Percent Moisture
COD
HEM and SGT-HEM
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Total, Fixed, and Volatile Solids
Solids, Total Volatile (TVS)
Paint Filter
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Sulfide, Acid soluble and Insoluble (Titrimetric)
Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Volatile Organic Compounds (GC/MS)
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Polychlorinated Biphenyls (PCBs) by Gas Chromatography
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Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Percent Moisture
Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports	Dilution	Result	Batch	Sampled	Prepared	Analyzed	Analysis
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	82002	4/10/2013 12:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11096-82-5	Aroclor-1260	740	ug/Kg		180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82002	4/10/2013 12:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 14:55	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 14:55	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11096-82-5	Aroclor-1260	30000	ug/Kg		3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11096-82-5	Aroclor-1260	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 15:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 15:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-12	E-SB-987-2-3	Moisture	N/A	Percent Moisture	8.4	%		0.1	MRL	1	Total	82002	4/10/2013 15:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11097-69-1	Aroclor-1254	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82002	4/10/2013 15:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11096-82-5	Aroclor-1260	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	12674-11-2	Aroclor-1016	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	Moisture	N/A	Percent Moisture	8.6	%		0.1	MRL	1	Total	82002	4/10/2013 12:02	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-2	E-SB-984-0.5-2	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82002	4/10/2013 12:02	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11104-28-2	Aroclor-1221	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11096-82-5	Aroclor-1260	990000	ug/Kg		180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11141-16-5	Aroclor-1232	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11097-69-1	Aroclor-1254	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	12672-29-6	Aroclor-1248	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	53469-21-9	Aroclor-1242	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11096-82-5	Aroclor-1260	290	ug/Kg		180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 12:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 12:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	Moisture	N/A	Percent Moisture	8.3	%		0.1	MRL	1	Total	82002	4/10/2013 13:40	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11097-69-1	Aroclor-1254	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11096-82-5	Aroclor-1260	3000	ug/Kg		360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82002	4/10/2013 13:40	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 13:45	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture

240-23052-1	240-23052-5	E-SB-985-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 13:45	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11096-82-5	Aroclor-1260	240	ug/Kg		180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82002	4/10/2013 13:50	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11096-82-5	Aroclor-1260	660	ug/Kg		190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82002	4/10/2013 13:50	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	12672-29-6	Aroclor-1248	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11104-28-2	Aroclor-1221	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82002	4/10/2013 14:20	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	53469-21-9	Aroclor-1242	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11141-16-5	Aroclor-1232	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11096-82-5	Aroclor-1260	2000	ug/Kg		350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11097-69-1	Aroclor-1254	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	12674-11-2	Aroclor-1016	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	Moisture	N/A	Percent Moisture	7.5	%		0.1	MRL	1	Total	82002	4/10/2013 14:20	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11096-82-5	Aroclor-1260	410	ug/Kg		190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82002	4/10/2013 14:25	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-8	E-SB-986-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82002	4/10/2013 14:25	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11096-82-5	Aroclor-1260	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82002	4/10/2013 14:30	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82002	4/10/2013 14:30	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11096-82-5	Aroclor-1260	80000	ug/Kg		19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	53469-21-9	Aroclor-1242	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg		7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	12672-29-6	Aroclor-1248	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	Moisture	N/A	Percent Moisture	8	%		0.1	MRL	1	Total	82365	4/11/2013 12:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-10	E-SB-991-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82365	4/11/2013 12:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11097-69-1	Aroclor-1254	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11141-16-5	Aroclor-1232	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11104-28-2	Aroclor-1221	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	12674-11-2	Aroclor-1016	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 12:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-11	E-SB-991-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 12:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11096-82-5	Aroclor-1260	54	ug/Kg		37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 12:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 12:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11096-82-5	Aroclor-1260	42	ug/Kg		37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 13:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 13:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11096-82-5	Aroclor-1260	8800	ug/Kg		1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11096-82-5	Aroclor-1260	2500	ug/Kg		750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 13:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-14	E-SB-992-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 13:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-15	E-SB-992-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11096-82-5	Aroclor-1260	34	ug/Kg	J	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	53469-21-9	Aroclor-1242	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11096-82-5	Aroclor-1260	8900	ug/Kg		3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	Moisture	N/A	Percent Moisture	6	%		0.1	MRL	1	Total	82365	4/11/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	12672-29-6	Aroclor-1248	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11097-69-1	Aroclor-1254	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11141-16-5	Aroclor-1232	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11104-28-2	Aroclor-1221	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	12674-11-2	Aroclor-1016	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	Moisture	N/A	Percent Solids	94	%		0.1	MRL	1	Total	82365	4/11/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11096-82-5	Aroclor-1260	14000	ug/Kg		1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	12674-11-2	Aroclor-1016	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	53469-21-9	Aroclor-1242	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82365	4/11/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-17	E-SB-993-0.5-2	Moisture	N/A	Percent Moisture	7.6	%		0.1	MRL	1	Total	82365	4/11/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11104-28-2	Aroclor-1221	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	12672-29-6	Aroclor-1248	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11097-69-1	Aroclor-1254	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11141-16-5	Aroclor-1232	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/11/2013 14:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11096-82-5	Aroclor-1260	140	ug/Kg		37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/11/2013 14:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture

240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 14:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 14:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11096-82-5	Aroclor-1260	39000	ug/Kg		19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-2	E-SB-988-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11096-82-5	Aroclor-1260	3700	ug/Kg		750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11097-69-1	Aroclor-1254	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 14:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-20	E-SB-994-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 14:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11096-82-5	Aroclor-1260	1100	ug/Kg		360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	Moisture	N/A	Percent Moisture	9.6	%		0.1	MRL	1	Total	82365	4/11/2013 14:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-21	E-SB-994-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 14:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11096-82-5	Aroclor-1260	75	ug/Kg		37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 14:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11096-82-5	Aroclor-1260	62000	ug/Kg		19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 14:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11096-82-5	Aroclor-1260	34000	ug/Kg		19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	82365	4/11/2013 14:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-23	E-SB-995-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 14:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11096-82-5	Aroclor-1260	5500	ug/Kg		1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture

240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11096-82-5	Aroclor-1260	36000	ug/Kg		18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/11/2013 14:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/11/2013 14:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11096-82-5	Aroclor-1260	74000	ug/Kg		18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	12674-11-2	Aroclor-1016	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11141-16-5	Aroclor-1232	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	12672-29-6	Aroclor-1248	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11097-69-1	Aroclor-1254	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	53469-21-9	Aroclor-1242	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11104-28-2	Aroclor-1221	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11096-82-5	Aroclor-1260	550	ug/Kg		390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	53469-21-9	Aroclor-1242	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11096-82-5	Aroclor-1260	23000	ug/Kg		3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11097-69-1	Aroclor-1254	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11104-28-2	Aroclor-1221	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	12672-29-6	Aroclor-1248	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-28	E-SS-997-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11141-16-5	Aroclor-1232	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	12674-11-2	Aroclor-1016	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 15:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-29	E-SB-997-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 15:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11096-82-5	Aroclor-1260	270	ug/Kg		190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 10:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-3	E-SB-988-2-3	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 10:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11096-82-5	Aroclor-1260	34	ug/Kg	J	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 15:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 15:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11096-82-5	Aroclor-1260	31	ug/Kg	J	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	53469-21-9	Aroclor-1242	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11096-82-5	Aroclor-1260	45000	ug/Kg		7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	12672-29-6	Aroclor-1248	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11097-69-1	Aroclor-1254	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-4	E-SS-989-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11104-28-2	Aroclor-1221	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11141-16-5	Aroclor-1232	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	12674-11-2	Aroclor-1016	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	12674-11-2	Aroclor-1016	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82365	4/11/2013 11:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11096-82-5	Aroclor-1260	34000	ug/Kg		7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11097-69-1	Aroclor-1254	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 11:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11104-28-2	Aroclor-1221	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	12672-29-6	Aroclor-1248	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	53469-21-9	Aroclor-1242	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11141-16-5	Aroclor-1232	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 11:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-6	E-SB-989-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 11:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11096-82-5	Aroclor-1260	23	ug/Kg	J	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	53469-21-9	Aroclor-1242	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	12672-29-6	Aroclor-1248	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82365	4/11/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-7	E-SS-990-0-0.5	Moisture	N/A	Percent Moisture	8.4	%		0.1	MRL	1	Total	82365	4/11/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg		7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11104-28-2	Aroclor-1221	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11141-16-5	Aroclor-1232	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	12674-11-2	Aroclor-1016	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11097-69-1	Aroclor-1254	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11096-82-5	Aroclor-1260	60000	ug/Kg		18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-8	E-SB-990-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/11/2013 11:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-9	E-SB-990-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/11/2013 11:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11096-82-5	Aroclor-1260	39	ug/Kg		37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11096-82-5	Aroclor-1260	27000	ug/Kg		18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82155	4/12/2013 10:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-1	E-SS-998-0-0.5	Moisture	N/A	Percent Moisture	8.4	%		0.1	MRL	1	Total	82155	4/12/2013 10:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11096-82-5	Aroclor-1260	4900	ug/Kg		750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 13:30	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-10	E-SS-1001-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 13:30	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11141-16-5	Aroclor-1232	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11104-28-2	Aroclor-1221	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11097-69-1	Aroclor-1254	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 13:35	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	12674-11-2	Aroclor-1016	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 13:35	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11096-82-5	Aroclor-1260	4200	ug/Kg		760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	53469-21-9	Aroclor-1242	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	12672-29-6	Aroclor-1248	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	12674-11-2	Aroclor-1016	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11097-69-1	Aroclor-1254	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11141-16-5	Aroclor-1232	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	53469-21-9	Aroclor-1242	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	12672-29-6	Aroclor-1248	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11104-28-2	Aroclor-1221	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82155	4/12/2013 13:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-12	E-SB-1001-2-3	Moisture	N/A	Percent Moisture	8.9	%		0.1	MRL	1	Total	82155	4/12/2013 13:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg		3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg		3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82155	4/12/2013 13:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82155	4/12/2013 13:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82155	4/12/2013 13:55	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-14	E-SB-1002-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82155	4/12/2013 13:55	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11096-82-5	Aroclor-1260	630	ug/Kg		180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11096-82-5	Aroclor-1260	26000	ug/Kg		3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82155	4/12/2013 14:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 14:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11096-82-5	Aroclor-1260	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	53469-21-9	Aroclor-1242	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	12672-29-6	Aroclor-1248	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11097-69-1	Aroclor-1254	24000	ug/Kg		3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82155	4/12/2013 14:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-16	E-SS-1003-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82155	4/12/2013 14:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11141-16-5	Aroclor-1232	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	12674-11-2	Aroclor-1016	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11104-28-2	Aroclor-1221	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 14:20	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-17	E-SB-1003-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82155	4/12/2013 14:20	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11097-69-1	Aroclor-1254	8400	ug/Kg		1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11096-82-5	Aroclor-1260	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82155	4/12/2013 14:25	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 14:25	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11096-82-5	Aroclor-1260	6800	ug/Kg		1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11096-82-5	Aroclor-1260	3100	ug/Kg		740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 0:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-19	E-DUP-01-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 0:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82155	4/12/2013 10:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11096-82-5	Aroclor-1260	140	ug/Kg		37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82155	4/12/2013 10:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11096-82-5	Aroclor-1260	8800	ug/Kg		2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	Moisture	N/A	Percent Moisture	20	%		0.1	MRL	1	Total	82155	4/12/2013 14:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-20	E-SS-1004-0-0.5	Moisture	N/A	Percent Solids	80	%		0.1	MRL	1	Total	82155	4/12/2013 14:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82155	4/12/2013 14:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-21	E-SB-1004-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82155	4/12/2013 14:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11096-82-5	Aroclor-1260	1000	ug/Kg		370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11097-69-1	Aroclor-1254	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 14:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 14:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11096-82-5	Aroclor-1260	9600	ug/Kg		1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82155	4/12/2013 15:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg		3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82155	4/12/2013 15:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture

240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82155	4/12/2013 15:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11097-69-1	Aroclor-1254	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11096-82-5	Aroclor-1260	2300	ug/Kg		370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82155	4/12/2013 15:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 15:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-25	E-SB-1005-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82155	4/12/2013 15:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11096-82-5	Aroclor-1260	12000	ug/Kg		3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 10:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11096-82-5	Aroclor-1260	31	ug/Kg	J	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 10:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11104-28-2	Aroclor-1221	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11141-16-5	Aroclor-1232	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	Moisture	N/A	Percent Moisture	21	%		0.1	MRL	1	Total	82155	4/12/2013 11:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-4	E-SS-999-0-0.5	Moisture	N/A	Percent Solids	79	%		0.1	MRL	1	Total	82155	4/12/2013 11:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	53469-21-9	Aroclor-1242	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	12672-29-6	Aroclor-1248	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	12674-11-2	Aroclor-1016	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11097-69-1	Aroclor-1254	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11096-82-5	Aroclor-1260	26000	ug/Kg		4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11104-28-2	Aroclor-1221	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11097-69-1	Aroclor-1254	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	12672-29-6	Aroclor-1248	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	Moisture	N/A	Percent Moisture	4	%		0.1	MRL	1	Total	82155	4/12/2013 11:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	53469-21-9	Aroclor-1242	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11096-82-5	Aroclor-1260	620	ug/Kg		340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	Moisture	N/A	Percent Solids	96	%		0.1	MRL	1	Total	82155	4/12/2013 11:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	12674-11-2	Aroclor-1016	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11141-16-5	Aroclor-1232	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82155	4/12/2013 11:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	Moisture	N/A	Percent Moisture	8.3	%		0.1	MRL	1	Total	82155	4/12/2013 11:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	12674-11-2	Aroclor-1016	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11104-28-2	Aroclor-1221	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	Moisture	N/A	Percent Solids	75	%		0.1	MRL	1	Total	82155	4/12/2013 11:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	53469-21-9	Aroclor-1242	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	12672-29-6	Aroclor-1248	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11096-82-5	Aroclor-1260	7200	ug/Kg		2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	Moisture	N/A	Percent Moisture	25	%		0.1	MRL	1	Total	82155	4/12/2013 11:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11141-16-5	Aroclor-1232	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11097-69-1	Aroclor-1254	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11096-82-5	Aroclor-1260	3000	ug/Kg		740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 11:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-8	E-SB-1000-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 11:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11096-82-5	Aroclor-1260	140	ug/Kg		37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82155	4/12/2013 11:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82155	4/12/2013 11:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11096-82-5	Aroclor-1260	8900	ug/Kg		1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-10	E-SB-1006-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-10	E-SB-1006-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11096-82-5	Aroclor-1260	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	12672-29-6	Aroclor-1248	27	ug/Kg	J	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11096-82-5	Aroclor-1260	62	ug/Kg		38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 10:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 10:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	12672-29-6	Aroclor-1248	30	ug/Kg	J	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 10:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-12	E-SB-1007-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 10:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11096-82-5	Aroclor-1260	21	ug/Kg	J	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	Moisture	N/A	Percent Moisture	9.1	%		0.1	MRL	1	Total	82365	4/15/2013 10:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-13	E-SB-1007-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 10:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11097-69-1	Aroclor-1254	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11096-82-5	Aroclor-1260	52	ug/Kg		36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 10:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture

240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11096-82-5	Aroclor-1260	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 10:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11097-69-1	Aroclor-1254	3200	ug/Kg		370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11097-69-1	Aroclor-1254	3100	ug/Kg		380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	53469-21-9	Aroclor-1242	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11096-82-5	Aroclor-1260	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	12672-29-6	Aroclor-1248	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11141-16-5	Aroclor-1232	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	12674-11-2	Aroclor-1016	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11104-28-2	Aroclor-1221	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 10:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-15	E-SB-1008-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 10:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg		3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 10:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 10:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11096-82-5	Aroclor-1260	19000	ug/Kg		3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 10:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-17	E-SS-1009-0-0.5	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 10:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11097-69-1	Aroclor-1254	2700000	ug/Kg		370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 10:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 10:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	82365	4/15/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11097-69-1	Aroclor-1254	1400	ug/Kg		360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11104-28-2	Aroclor-1221	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	12674-11-2	Aroclor-1016	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11096-82-5	Aroclor-1260	2500	ug/Kg		380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	53469-21-9	Aroclor-1242	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11097-69-1	Aroclor-1254	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11141-16-5	Aroclor-1232	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	12672-29-6	Aroclor-1248	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11096-82-5	Aroclor-1260	4400	ug/Kg		1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 11:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 11:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-21	E-SB-1010-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 11:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-21	E-SB-1010-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 11:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11097-69-1	Aroclor-1254	4700000	ug/Kg		370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 11:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 11:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11097-69-1	Aroclor-1254	810000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82365	4/15/2013 11:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-23	E-SS-1011-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82365	4/15/2013 11:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11096-82-5	Aroclor-1260	9700	ug/Kg		2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11097-69-1	Aroclor-1254	1200000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	Moisture	N/A	Percent Moisture	7.2	%		0.1	MRL	1	Total	82365	4/15/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11097-69-1	Aroclor-1254	370	ug/Kg		180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	Moisture	N/A	Percent Solids	93	%		0.1	MRL	1	Total	82365	4/15/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11096-82-5	Aroclor-1260	44000	ug/Kg		17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11097-69-1	Aroclor-1254	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	53469-21-9	Aroclor-1242	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	12672-29-6	Aroclor-1248	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11104-28-2	Aroclor-1221	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	12674-11-2	Aroclor-1016	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	Moisture	N/A	Percent Solids	95	%		0.1	MRL	1	Total	82365	4/15/2013 13:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11141-16-5	Aroclor-1232	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	Moisture	N/A	Percent Moisture	5.4	%		0.1	MRL	1	Total	82365	4/15/2013 13:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11097-69-1	Aroclor-1254	400000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 13:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-27	E-SB-1012-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 13:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-28	E-SB-1012-2-3	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 13:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 13:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11097-69-1	Aroclor-1254	340000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	53469-21-9	Aroclor-1242	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11096-82-5	Aroclor-1260	32000	ug/Kg		20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	12672-29-6	Aroclor-1248	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82365	4/15/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11104-28-2	Aroclor-1221	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82365	4/15/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11097-69-1	Aroclor-1254	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11141-16-5	Aroclor-1232	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	12674-11-2	Aroclor-1016	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11096-82-5	Aroclor-1260	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11097-69-1	Aroclor-1254	6100	ug/Kg		750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	12674-11-2	Aroclor-1016	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11104-28-2	Aroclor-1221	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	53469-21-9	Aroclor-1242	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-30	E-SB-1013-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	12672-29-6	Aroclor-1248	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11141-16-5	Aroclor-1232	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11096-82-5	Aroclor-1260	38000	ug/Kg		38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11096-82-5	Aroclor-1260	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82365	4/15/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-31	E-SB-1013-2-3	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82365	4/15/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11097-69-1	Aroclor-1254	70000	ug/Kg		19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11096-82-5	Aroclor-1260	3600	ug/Kg		1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	53469-21-9	Aroclor-1242	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 14:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11097-69-1	Aroclor-1254	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	12672-29-6	Aroclor-1248	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11104-28-2	Aroclor-1221	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11141-16-5	Aroclor-1232	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	12674-11-2	Aroclor-1016	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82365	4/15/2013 14:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 14:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11097-69-1	Aroclor-1254	780000	ug/Kg		370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 14:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture

240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 14:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-34	E-SB-1014-2-3	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/15/2013 14:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11097-69-1	Aroclor-1254	310	ug/Kg		180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11096-82-5	Aroclor-1260	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11097-69-1	Aroclor-1254	100000	ug/Kg		18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/15/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 15:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11096-82-5	Aroclor-1260	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 15:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11097-69-1	Aroclor-1254	130000	ug/Kg		18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11097-69-1	Aroclor-1254	1600000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11096-82-5	Aroclor-1260	32000	ug/Kg		7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11104-28-2	Aroclor-1221	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	12674-11-2	Aroclor-1016	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11141-16-5	Aroclor-1232	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	53469-21-9	Aroclor-1242	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11097-69-1	Aroclor-1254	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	12672-29-6	Aroclor-1248	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11097-69-1	Aroclor-1254	1100	ug/Kg		360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11097-69-1	Aroclor-1254	1300000	ug/Kg		190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	12674-11-2	Aroclor-1016	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11104-28-2	Aroclor-1221	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-6	E-SB-DUP08-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	12672-29-6	Aroclor-1248	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11141-16-5	Aroclor-1232	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11097-69-1	Aroclor-1254	700000	ug/Kg		380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	53469-21-9	Aroclor-1242	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11096-82-5	Aroclor-1260	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11097-69-1	Aroclor-1254	260	ug/Kg		36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11096-82-5	Aroclor-1260	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	Moisture	N/A	Percent Moisture	9	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11097-69-1	Aroclor-1254	6300	ug/Kg		730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	12672-29-6	Aroclor-1248	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11141-16-5	Aroclor-1232	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 9:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11096-82-5	Aroclor-1260	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/15/2013 9:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11104-28-2	Aroclor-1221	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	53469-21-9	Aroclor-1242	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	12674-11-2	Aroclor-1016	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11096-82-5	Aroclor-1260	39000	ug/Kg		19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11097-69-1	Aroclor-1254	85000	ug/Kg		7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	12674-11-2	Aroclor-1016	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11096-82-5	Aroclor-1260	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	12672-29-6	Aroclor-1248	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	53469-21-9	Aroclor-1242	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 10:40	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11104-28-2	Aroclor-1221	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 10:40	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11141-16-5	Aroclor-1232	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 10:45	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 10:45	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11096-82-5	Aroclor-1260	29000	ug/Kg		3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	83052	4/16/2013 10:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11097-69-1	Aroclor-1254	51	ug/Kg		37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	83052	4/16/2013 10:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11096-82-5	Aroclor-1260	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)

240-23291-1	240-23291-13	E-DC-SCA-4	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	160.4	N/A	Total Volatile Solids	20000	mg/Kg		4000	MRL	1	ASTM	114328	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:15	Solids, Total Volatile (TVS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/16/2013 12:00	4/22/2013 12:11	4/25/2013 16:00	Herbicides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	9071B	N/A	HEM	200	mg/Kg	J	240	MRL	1	Total	83342	4/16/2013 12:00	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11104-28-2	Aroclor-1221	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM	83310	4/16/2013 12:00	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11097-69-1	Aroclor-1254	6500	ug/Kg		390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	9012A	57-12-5	Cyanide, Total	0.16	mg/Kg	J B	0.62	MRL	1	Total	82716	4/16/2013 12:00	4/19/2013 8:26	4/19/2013 10:00	Cyanide, Total and/or Amenable
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11100-14-4	Aroclor-1268	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM	83592	4/16/2013 12:00	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-13	E-DC-SCA-4	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM	83411	4/16/2013 12:00	4/24/2013 14:55	4/24/2013 15:06	COD
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-39-3	Barium	0.63	mg/L	J B	10	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-43-9	Cadmium	0.0078	mg/L	J	0.1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-38-2	Arsenic	0.0047	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	83052	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-66-6	Zinc	0.13	mg/L	J B	1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	8082	12674-11-2	Aroclor-1016	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/16/2013 12:00	4/22/2013 15:35	4/23/2013 10:03	Mercury (CVAA)
240-23291-1	240-23291-13	E-DC-SCA-4	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/16/2013 12:00	4/22/2013 12:11	4/25/2013 16:00	Herbicides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:00	1/1/0001 12:00 AM	4/20/2013 6:55	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-13	E-DC-SCA-4	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 9:30	Paint Filter
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	9045C	N/A	pH	6.88	SU		0.1	MRL	1	Total	82819	4/16/2013 12:00	1/1/0001 12:00 AM	4/20/2013 11:36	pH
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	9045C	N/A	pH	6.5	SU	H	0.1	MRL	1	ASTM	83412	4/16/2013 12:00	1/1/0001 12:00 AM	4/24/2013 15:38	pH
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	83052	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11096-82-5	Aroclor-1260	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11141-16-5	Aroclor-1232	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	37324-23-5	Aroclor-1262	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	53469-21-9	Aroclor-1242	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	12672-29-6	Aroclor-1248	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	9034_Calc	18496-25-8	Sulfide	36	mg/Kg	U	36	MRL	1	Total	83220	4/16/2013 12:00	4/23/2013 10:12	4/23/2013 13:28	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7439-92-1	Lead	0.034	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-02-0	Nickel	0.0078	mg/L	J B	0.04	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	2540G	N/A	Total Solids	86	%		0.02	MRL	1	Total	114040	4/16/2013 12:00	1/1/0001 12:00 AM	4/19/2013 21:41	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-14	E-DC-SCA-5	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM	83592	4/16/2013 12:15	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-14	E-DC-SCA-5	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	U	34	MRL	1	Total	83220	4/16/2013 12:15	4/23/2013 10:12	4/23/2013 13:34	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-14	E-DC-SCA-5	2540G	N/A	Total Solids	88	%		0.02	MRL	1	Total	114040	4/16/2013 12:15	1/1/0001 12:00 AM	4/19/2013 21:43	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-14	E-DC-SCA-5	8082	53469-21-9	Aroclor-1242	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	37324-23-5	Aroclor-1262	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	1664A	N/A	HEM	7.7	mg/L	B	4.8	MRL	1	ASTM	83310	4/16/2013 12:15	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-14	E-DC-SCA-5	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:15	1/1/0001 12:00 AM	4/20/2013 7:22	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11104-28-2	Aroclor-1221	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11100-14-4	Aroclor-1268	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	160.4	N/A	Total Volatile Solids	25000	mg/Kg		4000	MRL	1	ASTM	114328	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:16	Solids, Total Volatile (TVS)
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11141-16-5	Aroclor-1232	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11096-82-5	Aroclor-1260	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	12672-29-6	Aroclor-1248	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23291-1	240-23291-14	E-DC-SCA-5	8082	11097-69-1	Aroclor-1254	170000	ug/Kg		37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 9:34	Paint Filter
240-23291-1	240-23291-14	E-DC-SCA-5	9045C	N/A	pH	7.79	SU		0.1	MRL	1	Total	82819	4/16/2013 12:15	1/1/0001 12:00 AM	4/20/2013 11:41	pH
240-23291-1	240-23291-14	E-DC-SCA-5	9012A	57-12-5	Cyanide, Total	0.56	mg/Kg	U	0.56	MRL	1	Total	82716	4/16/2013 12:15	4/19/2013 8:26	4/19/2013 10:00	Cyanide, Total and/or Amenable
240-23291-1	240-23291-14	E-DC-SCA-5	9071B	N/A	HEM	280	mg/Kg		230	MRL	1	Total	83342	4/16/2013 12:15	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-14	E-DC-SCA-5	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM	83411	4/16/2013 12:15	4/24/2013 14:55	4/24/2013 15:08	COD
240-23291-1	240-23291-14	E-DC-SCA-5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-14	E-DC-SCA-5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-14	E-DC-SCA-5	8082	12674-11-2	Aroclor-1016	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	9045C	N/A	pH	7.69	SU	H	0.1	MRL	1	ASTM	83412	4/16/2013 12:15	1/1/0001 12:00 AM	4/24/2013 15:41	pH
240-23291-1	240-23291-15	E-DC-SCA-6	9012A	57-12-5	Cyanide, Total	0.57	mg/Kg	U	0.57	MRL	1	Total	82716	4/16/2013 12:25	4/19/2013 8:26	4/19/2013 10:00	Cyanide, Total and/or Amenable
240-23291-1	240-23291-15	E-DC-SCA-6	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 9:39	Paint Filter
240-23291-1	240-23291-15	E-DC-SCA-6	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM	83592	4/16/2013 12:25	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-15	E-DC-SCA-6	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:25	1/1/0001 12:00 AM	4/20/2013 7:50	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-15	E-DC-SCA-6	9071B	N/A	HEM	240	mg/Kg		210	MRL	1	Total	83342	4/16/2013 12:25	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-15	E-DC-SCA-6	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	83052	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-15	E-DC-SCA-6	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	83052	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-15	E-DC-SCA-6	9045C	N/A	pH	7.08	SU	H	0.1	MRL	1	ASTM	83412	4/16/2013 12:25	1/1/0001 12:00 AM	4/24/2013 15:44	pH
240-23291-1	240-23291-15	E-DC-SCA-6	9045C	N/A	pH	7.68	SU		0.1	MRL	1	Total	82819	4/16/2013 12:25	1/1/0001 12:00 AM	4/20/2013 10:47	pH
240-23291-1	240-23291-15	E-DC-SCA-6	8082	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	1664A	N/A	HEM	1.7	mg/L	J B	4.8	MRL	1	ASTM	83310	4/16/2013 12:25	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-15	E-DC-SCA-6	8082	37324-23-5	Aroclor-1262	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	2540G	N/A	Total Solids	92	%		0.02	MRL	1	Total	114040	4/16/2013 12:25	1/1/0001 12:00 AM	4/19/2013 21:45	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-15	E-DC-SCA-6	8082	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	160.4	N/A	Total Volatile Solids	19000	mg/kg		4000	MRL	1	ASTM	114328	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:18	Solids, Total Volatile (TVS)
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11100-14-4	Aroclor-1268	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM	83411	4/16/2013 12:25	4/24/2013 14:55	4/24/2013 15:08	COD
240-23291-1	240-23291-15	E-DC-SCA-6	9034_Calc	18496-25-8	Sulfide	33	mg/Kg	U	33	MRL	1	Total	83220	4/16/2013 12:25	4/23/2013 10:12	4/23/2013 13:36	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11096-82-5	Aroclor-1260	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11097-69-1	Aroclor-1254	200000	ug/Kg		18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	9045C	N/A	pH	7.61	SU	H	0.1	MRL	1	ASTM	83412	4/16/2013 12:35	1/1/0001 12:00 AM	4/24/2013 15:51	pH
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11104-28-2	Aroclor-1221	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	9045C	N/A	pH	8.09	SU		0.1	MRL	1	Total	82819	4/16/2013 12:35	1/1/0001 12:00 AM	4/20/2013 10:31	pH
240-23291-1	240-23291-16	E-DC-SCA-7	9012A	57-12-5	Cyanide, Total	0.13	mg/Kg	J B	0.58	MRL	1	Total	82716	4/16/2013 12:35	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23291-1	240-23291-16	E-DC-SCA-7	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM	83592	4/16/2013 12:35	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-16	E-DC-SCA-7	9071B	N/A	HEM	220	mg/Kg	U	220	MRL	1	Total	83342	4/16/2013 12:35	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-16	E-DC-SCA-7	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	83052	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-16	E-DC-SCA-7	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:35	1/1/0001 12:00 AM	4/20/2013 8:17	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-16	E-DC-SCA-7	8082	12674-11-2	Aroclor-1016	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	Moisture	N/A	Percent Moisture	9.9	%		0.1	MRL	1	Total	83052	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-16	E-DC-SCA-7	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM	83411	4/16/2013 12:35	4/24/2013 14:55	4/24/2013 15:09	COD
240-23291-1	240-23291-16	E-DC-SCA-7	1664A	N/A	HEM	4.7	mg/L	U	4.7	MRL	1	ASTM	83310	4/16/2013 12:35	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11097-69-1	Aroclor-1254	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11100-14-4	Aroclor-1268	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	2540G	N/A	Total Solids	88	%		0.02	MRL	1	Total	114040	4/16/2013 12:35	1/1/0001 12:00 AM	4/19/2013 21:49	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-16	E-DC-SCA-7	160.4	N/A	Total Volatile Solids	24000	mg/Kg		4000	MRL	1	ASTM	114328	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:20	Solids, Total Volatile (TVS)
240-23291-1	240-23291-16	E-DC-SCA-7	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 9:43	Paint Filter
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11141-16-5	Aroclor-1232	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	53469-21-9	Aroclor-1242	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11096-82-5	Aroclor-1260	21000	ug/Kg		1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	12672-29-6	Aroclor-1248	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	9034_Calc	18496-25-8	Sulfide	33	mg/Kg	U	33	MRL	1	Total	83220	4/16/2013 12:35	4/23/2013 10:12	4/23/2013 13:38	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-16	E-DC-SCA-7	8082	37324-23-5	Aroclor-1262	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	2540G	N/A	Total Solids	89	%		0.02	MRL	1	Total	114040	4/16/2013 13:55	1/1/0001 12:00 AM	4/19/2013 21:51	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-02-0	Nickel	0.0055	mg/L	J B	0.04	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7439-92-1	Lead	0.006	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	8082	37324-23-5	Aroclor-1262	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11096-82-5	Aroclor-1260	47	ug/Kg		37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23291-1	240-23291-17	E-DC-SCA-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	83052	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-17	E-DC-SCA-3	8082	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 9:48	Paint Filter
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	9012A	57-12-5	Cyanide, Total	0.58	mg/Kg	U	0.58	MRL	1	Total	82716	4/16/2013 13:55	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23291-1	240-23291-17	E-DC-SCA-3	9071B	N/A	HEM	110	mg/Kg	J	220	MRL	1	Total	83342	4/16/2013 13:55	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-17	E-DC-SCA-3	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM	83310	4/16/2013 13:55	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-66-6	Zinc	0.019	mg/L	J B	1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	160.4	N/A	Total Volatile Solids	16000	mg/Kg		4000	MRL	1	ASTM	114328	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:21	Solids, Total Volatile (TVS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	U	34	MRL	1	Total	83220	4/16/2013 13:55	4/23/2013 10:12	4/23/2013 13:40	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	83052	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11100-14-4	Aroclor-1268	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8082	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	9045C	N/A	pH	7.97	SU		0.1	MRL	1	Total	82819	4/16/2013 13:55	1/1/0001 12:00 AM	4/20/2013 11:03	pH
240-23291-1	240-23291-17	E-DC-SCA-3	9045C	N/A	pH	7.48	SU	H	0.1	MRL	1	ASTM	83412	4/16/2013 13:55	1/1/0001 12:00 AM	4/24/2013 15:54	pH
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/16/2013 13:55	4/22/2013 12:11	4/25/2013 16:23	Herbicides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-43-9	Cadmium	0.0023	mg/L	J	0.1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 13:55	1/1/0001 12:00 AM	4/20/2013 8:45	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-17	E-DC-SCA-3	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/16/2013 13:55	4/22/2013 15:35	4/23/2013 10:04	Mercury (CVAA)
240-23291-1	240-23291-17	E-DC-SCA-3	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM	83411	4/16/2013 13:55	4/24/2013 14:55	4/24/2013 15:09	COD
240-23291-1	240-23291-17	E-DC-SCA-3	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM	83592	4/16/2013 13:55	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-17	E-DC-SCA-3	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/16/2013 13:55	4/22/2013 12:11	4/25/2013 16:23	Herbicides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-39-3	Barium	0.32	mg/L	J B	10	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-38-2	Arsenic	0.005	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	110-86-1	Pyridine	0.001	mg/L	J	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8082	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	160.4	N/A	Total Volatile Solids	17000	mg/Kg		4000	MRL	1	ASTM	114328	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:25	Solids, Total Volatile (TVS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	U	34	MRL	1	Total	83220	4/16/2013 14:50	4/23/2013 10:12	4/23/2013 13:42	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	2540G	N/A	Total Solids	91	%		0.02	MRL	1	Total	114040	4/16/2013 14:50	1/1/0001 12:00 AM	4/19/2013 21:53	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-18	E-DC-SCA-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	83052	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-18	E-DC-SCA-2	8082	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11097-69-1	Aroclor-1254	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11096-82-5	Aroclor-1260	650	ug/Kg		36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	9045C	N/A	pH	8.23	SU		0.1	MRL	1	Total	82819	4/16/2013 14:50	1/1/0001 12:00 AM	4/20/2013 10:52	pH
240-23291-1	240-23291-18	E-DC-SCA-2	9045C	N/A	pH	8.1	SU	H	0.1	MRL	1	ASTM	83412	4/16/2013 14:50	1/1/0001 12:00 AM	4/24/2013 15:58	pH
240-23291-1	240-23291-18	E-DC-SCA-2	8082	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11100-14-4	Aroclor-1268	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	37324-23-5	Aroclor-1262	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23291-1	240-23291-18	E-DC-SCA-2	9012A	57-12-5	Cyanide, Total	0.54	mg/Kg	U	0.54	MRL	1	Total	82716	4/16/2013 14:50	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23291-1	240-23291-18	E-DC-SCA-2	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM	83411	4/16/2013 14:50	4/24/2013 14:55	4/24/2013 15:10	COD
240-23291-1	240-23291-18	E-DC-SCA-2	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/16/2013 14:50	4/22/2013 12:11	4/25/2013 16:47	Herbicides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-43-9	Cadmium	0.0032	mg/L	J	0.1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-39-3	Barium	0.34	mg/L	J B	10	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM	83310	4/16/2013 14:50	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7439-92-1	Lead	0.026	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	9071B	N/A	HEM	220	mg/Kg	U	220	MRL	1	Total	83342	4/16/2013 14:50	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-18	E-DC-SCA-2	4500_NH3_F_ISE	7664-41-7	Ammonia	0.044	mg/L	J	0.2	MRL	1	ASTM	83592	4/16/2013 14:50	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23291-1	240-23291-18	E-DC-SCA-2	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/16/2013 14:50	4/22/2013 12:11	4/25/2013 16:47	Herbicides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-47-3	Chromium	0.0037	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/16/2013 14:50	4/22/2013 15:35	4/23/2013 10:08	Mercury (CVAA)
240-23291-1	240-23291-18	E-DC-SCA-2	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 14:50	1/1/0001 12:00 AM	4/20/2013 9:12	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-38-2	Arsenic	0.0067	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	83052	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-66-6	Zinc	0.13	mg/L	J B	1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-02-0	Nickel	0.014	mg/L	J B	0.04	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 9:53	Paint Filter
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11096-82-5	Aroclor-1260	11000	ug/Kg		1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	53469-21-9	Aroclor-1242	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11096-82-5	Aroclor-1260	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	12672-29-6	Aroclor-1248	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11141-16-5	Aroclor-1232	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11104-28-2	Aroclor-1221	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11097-69-1	Aroclor-1254	76000	ug/Kg		7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	12674-11-2	Aroclor-1016	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11104-28-2	Aroclor-1221	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	83052	4/16/2013 9:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	12672-29-6	Aroclor-1248	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11141-16-5	Aroclor-1232	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11097-69-1	Aroclor-1254	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	83052	4/16/2013 9:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11096-82-5	Aroclor-1260	3300	ug/Kg		390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	12674-11-2	Aroclor-1016	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	53469-21-9	Aroclor-1242	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 10:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

240-23291-1	240-23291-5	E-SB-1016-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 10:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11096-82-5	Aroclor-1260	9000	ug/Kg		740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	12672-29-6	Aroclor-1248	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	12674-11-2	Aroclor-1016	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	83052	4/16/2013 10:05	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11104-28-2	Aroclor-1221	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	83052	4/16/2013 10:05	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11097-69-1	Aroclor-1254	120000	ug/Kg		7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11141-16-5	Aroclor-1232	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11096-82-5	Aroclor-1260	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	53469-21-9	Aroclor-1242	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	83052	4/16/2013 10:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11096-82-5	Aroclor-1260	14000	ug/Kg		2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	83052	4/16/2013 10:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11104-28-2	Aroclor-1221	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11141-16-5	Aroclor-1232	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11097-69-1	Aroclor-1254	85000	ug/Kg		7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	12672-29-6	Aroclor-1248	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	12674-11-2	Aroclor-1016	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	Moisture	N/A	Percent Moisture	17	%		0.1	MRL	1	Total	83052	4/16/2013 10:20	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	53469-21-9	Aroclor-1242	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	Moisture	N/A	Percent Solids	83	%		0.1	MRL	1	Total	83052	4/16/2013 10:20	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11096-82-5	Aroclor-1260	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11097-69-1	Aroclor-1254	6400	ug/Kg		360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	53469-21-9	Aroclor-1242	150	ug/Kg	J	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	Moisture	N/A	Percent Moisture	8.7	%		0.1	MRL	1	Total	83052	4/16/2013 10:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	83052	4/16/2013 10:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 8:35	1/1/0001 12:00 AM	4/20/2013 9:40	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-2	E-DC-SCA-1	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 8:35	4/22/2013 15:35	4/23/2013 10:10	Mercury (CVAA)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 8:35	4/22/2013 12:11	4/25/2013 17:34	Herbicides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM	83592	4/17/2013 8:35	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-2	E-DC-SCA-1	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM	83411	4/17/2013 8:35	4/24/2013 14:55	4/24/2013 15:12	COD
240-23344-1	240-23344-2	E-DC-SCA-1	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM	83310	4/17/2013 8:35	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-39-3	Barium	0.17	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-43-9	Cadmium	0.1	mg/L	U	0.1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 8:35	4/22/2013 12:11	4/25/2013 17:34	Herbicides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-38-2	Arsenic	0.0042	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 8:35	1/1/0001 12:00 AM	4/22/2013 9:57	Paint Filter
240-23344-1	240-23344-2	E-DC-SCA-1	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82727	4/17/2013 8:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-2	E-DC-SCA-1	9045C	N/A	pH	10.1	SU		0.1	MRL	1	Total	82819	4/17/2013 8:35	1/1/0001 12:00 AM	4/20/2013 11:09	pH
240-23344-1	240-23344-2	E-DC-SCA-1	8082	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11096-82-5	Aroclor-1260	38	ug/Kg		38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82727	4/17/2013 8:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture

240-23344-1	240-23344-2	E-DC-SCA-1	8082	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	9045C	N/A	pH	8.6	SU		0.1	MRL	1	ASTM	83412	4/17/2013 8:35	1/1/0001 12:00 AM	4/24/2013 16:01	pH
240-23344-1	240-23344-2	E-DC-SCA-1	9034_Calc	18496-25-8	Sulfide	35	mg/Kg	U	35	MRL	1	Total	83220	4/17/2013 8:35	4/23/2013 10:12	4/23/2013 13:48	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-2	E-DC-SCA-1	2540G	N/A	Total Solids	87	%		0.02	MRL	1	Total	114314	4/17/2013 8:35	1/1/0001 12:00 AM	4/22/2013 13:45	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	160.4	N/A	Total Volatile Solids	9500	mg/Kg		4000	MRL	1	ASTM	114632	4/17/2013 8:35	1/1/0001 12:00 AM	4/23/2013 22:43	Solids, Total Volatile (TVS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11100-14-4	Aroclor-1268	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	9071B	N/A	HEM	110	mg/Kg	J	220	MRL	1	Total	83342	4/17/2013 8:35	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	9012A	57-12-5	Cyanide, Total	0.59	mg/Kg	U	0.59	MRL	1	Total	82716	4/17/2013 8:35	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-02-0	Nickel	0.0058	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7439-92-1	Lead	0.0095	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-66-6	Zinc	0.017	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7782-49-2	Selenium	0.0041	mg/L	J	0.25	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	8082	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	37324-23-5	Aroclor-1262	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)

240-23522-1	240-23522-4	E-DC-SCA-4	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7439-92-1	Lead	0.016	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 14:00	1/1/0001 12:00 AM	4/22/2013 10:20	Paint Filter
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	1664A	N/A	HEM	4.7	mg/L	U	4.7	MRL	1	ASTM Leach	83310	4/17/2013 14:00	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-10	G-DC-SCA-1	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 14:00	4/22/2013 12:11	4/25/2013 19:09	Herbicides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	9012A	57-12-5	Cyanide, Total	0.13	mg/Kg	J B	0.56	MRL	1	Total	82716	4/17/2013 14:00	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-43-9	Cadmium	0.00078	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-39-3	Barium	0.28	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 14:00	4/22/2013 12:11	4/25/2013 19:09	Herbicides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	9071B	N/A	HEM	230	mg/Kg	U	230	MRL	1	Total	83342	4/17/2013 14:00	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-10	G-DC-SCA-1	410.4	N/A	Chemical Oxygen Demand	28	mg/L		20	MRL	1	ASTM Leach	83411	4/17/2013 14:00	4/24/2013 14:55	4/24/2013 15:15	COD
240-23344-1	240-23344-10	G-DC-SCA-1	4500_NH3_F_ISE	7664-41-7	Ammonia	0.68	mg/L		0.2	MRL	1	ASTM Leach	83592	4/17/2013 14:00	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-66-6	Zinc	0.056	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-02-0	Nickel	0.014	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	9045C	N/A	pH	6.89	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 14:00	1/1/0001 12:00 AM	4/24/2013 16:25	pH
240-23344-1	240-23344-10	G-DC-SCA-1	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82727	4/17/2013 14:00	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11096-82-5	Aroclor-1260	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11141-16-5	Aroclor-1232	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	12674-11-2	Aroclor-1016	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	9045C	N/A	pH	7.19	SU		0.1	MRL	1	Total	82819	4/17/2013 14:00	1/1/0001 12:00 AM	4/20/2013 11:25	pH
240-23344-1	240-23344-10	G-DC-SCA-1	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82727	4/17/2013 14:00	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11104-28-2	Aroclor-1221	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	37324-23-5	Aroclor-1262	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	53469-21-9	Aroclor-1242	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11100-14-4	Aroclor-1268	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11097-69-1	Aroclor-1254	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	12672-29-6	Aroclor-1248	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 14:00	4/22/2013 15:35	4/23/2013 10:16	Mercury (CVAA)
240-23344-1	240-23344-10	G-DC-SCA-1	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	83217	4/17/2013 14:00	1/1/0001 12:00 AM	4/23/2013 8:00	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-38-2	Arsenic	0.0045	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	160.4	N/A	Total Volatile Solids	21000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 14:00	1/1/0001 12:00 AM	4/23/2013 23:00	Solids, Total Volatile (TVS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	2540G	N/A	Total Solids	88	%		0.02	MRL	1	Total	114314	4/17/2013 14:00	1/1/0001 12:00 AM	4/22/2013 13:54	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-10	G-DC-SCA-1	9034_Calc	18496-25-8	Sulfide	35	mg/Kg	U	35	MRL	1	Total	83220	4/17/2013 14:00	4/23/2013 10:12	4/23/2013 13:56	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	534-52-1	4,6-Dinitro-2-methylphenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	15831-10-4	3 & 4 Methylphenol	500	ug/Kg	U	500	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	59-50-7	4-Chloro-3-methylphenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	106-47-8	4-Chloroaniline	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	78-59-1	Isophorone	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	12	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-94-1	3,3'-Dichlorobenzidine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	99-09-2	3-Nitroaniline	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	101-55-3	4-Bromophenyl phenyl ether	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	88-74-4	2-Nitroaniline	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	95-57-8	2-Chlorophenol	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-57-6	2-Methylnaphthalene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	95-48-7	2-Methylphenol	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-58-7	2-Chloronaphthalene	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	88-75-5	2-Nitrophenol	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)

240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	51-28-5	2,4-Dinitrophenol	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	121-14-2	2,4-Dinitrotoluene	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	Moisture	N/A	Percent Moisture	20	%		0.1	MRL	1	Total	82727	4/17/2013 10:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	92-52-4	1,1'-Biphenyl	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	88-06-2	2,4,6-Trichlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	Moisture	N/A	Percent Solids	80	%		0.1	MRL	1	Total	82727	4/17/2013 10:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	117-84-0	Di-n-octyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	53-70-3	Dibenz(a,h)anthracene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	7005-72-3	4-Chlorophenyl phenyl ether	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	84-74-2	Di-n-butyl phthalate	32	ug/Kg	J B	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	105-67-9	2,4-Dimethylphenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-20-3	Naphthalene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	86-30-6	N-Nitrosodiphenylamine	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	67-72-1	Hexachloroethane	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	621-64-7	N-Nitrosodi-n-propylamine	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	95-95-4	2,4,5-Trichlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	120-83-2	2,4-Dichlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	62-75-9	N-Nitrosodimethylamine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	6020A	7440-38-2	Arsenic	2.1	mg/Kg		1.2	MRL	2	Total	83278	4/17/2013 10:30	4/22/2013 10:41	4/23/2013 20:12	Metals (ICP/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	206-44-0	Fluoranthene	31	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	120-12-7	Anthracene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	84-66-2	Diethyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	131-11-3	Dimethyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	98-86-2	Acetophenone	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	100-01-6	4-Nitroaniline	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	1912-24-9	Atrazine	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	100-52-7	Benzaldehyde	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	86-73-7	Fluorene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	105-60-2	Caprolactam	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	86-74-8	Carbazole	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	218-01-9	Chrysene	22	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	85-68-7	Butyl benzyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	87-68-3	Hexachlorobutadiene	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	77-47-4	Hexachlorocyclopentadiene	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	132-64-9	Dibenzofuran	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	118-74-1	Hexachlorobenzene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	606-20-2	2,6-Dinitrotoluene	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	100-02-7	4-Nitrophenol	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	191-24-2	Benzo[g,h,i]perylene	17	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	129-00-0	Pyrene	31	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	87-86-5	Pentachlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	85-01-8	Phenanthrene	12	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	108-95-2	Phenol	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	98-95-3	Nitrobenzene	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	205-99-2	Benzo[b]fluoranthene	30	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	56-55-3	Benzo[a]anthracene	22	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	111-91-1	Bis(2-chloroethoxy)methane	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	83-32-9	Acenaphthene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	208-96-8	Acenaphthylene	4.5	ug/Kg	J	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	207-08-9	Benzo[k]fluoranthene	11	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	50-32-8	Benzo[a]pyrene	21	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	111-44-4	Bis(2-chloroethyl)ether	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	26	ug/Kg	J	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	50-32-8	Benzo[a]pyrene	40	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	56-55-3	Benzo[a]anthracene	34	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	120	ug/Kg		81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	205-99-2	Benzo[b]fluoranthene	44	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	111-91-1	Bis(2-chloroethoxy)methane	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	207-08-9	Benzo[k]fluoranthene	23	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	191-24-2	Benzo[g,h,i]perylene	34	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	111-44-4	Bis(2-chloroethyl)ether	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	84-74-2	Di-n-butyl phthalate	31	ug/Kg	J B	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	86-74-8	Carbazole	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	105-60-2	Caprolactam	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	53-70-3	Dibenz(a,h)anthracene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	117-84-0	Di-n-octyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	85-68-7	Butyl benzyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)

240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	218-01-9	Chrysene	42	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	206-44-0	Fluoranthene	51	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	87-68-3	Hexachlorobutadiene	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	84-66-2	Diethyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	132-64-9	Dibenzofuran	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	100-52-7	Benzaldehyde	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-58-7	2-Chloronaphthalene	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	118-74-1	Hexachlorobenzene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	86-73-7	Fluorene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	131-11-3	Dimethyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	67-72-1	Hexachloroethane	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	621-64-7	N-Nitrosodi-n-propylamine	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	78-59-1	Isophorone	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	23	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	62-75-9	N-Nitrosodimethylamine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	77-47-4	Hexachlorocyclopentadiene	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-20-3	Naphthalene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	86-30-6	N-Nitrosodiphenylamine	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	121-14-2	2,4-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	85-01-8	Phenanthrene	18	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	95-95-4	2,4,5-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	88-06-2	2,4,6-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	92-52-4	1,1'-Biphenyl	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	120-83-2	2,4-Dichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	7005-72-3	4-Chlorophenyl phenyl ether	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	208-96-8	Acenaphthylene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	83-32-9	Acenaphthene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	100-01-6	4-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	6020A	7440-38-2	Arsenic	4.6	mg/Kg		1.1	MRL	2	Total	83278	4/17/2013 10:35	4/22/2013 10:41	4/23/2013 20:50	Metals (ICP/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	88-74-4	2-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	95-48-7	2-Methylphenol	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	51-28-5	2,4-Dinitrophenol	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	95-57-8	2-Chlorophenol	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82727	4/17/2013 10:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-5	G-SB-1020-3-4	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82727	4/17/2013 10:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-57-6	2-Methylnaphthalene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	105-67-9	2,4-Dimethylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	129-00-0	Pyrene	53	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	606-20-2	2,6-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	101-55-3	4-Bromophenyl phenyl ether	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	534-52-1	4,6-Dinitro-2-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	98-95-3	Nitrobenzene	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	87-86-5	Pentachlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	100-02-7	4-Nitrophenol	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	108-95-2	Phenol	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	59-50-7	4-Chloro-3-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	98-86-2	Acetophenone	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	106-47-8	4-Chloroaniline	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	1912-24-9	Atrazine	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	120-12-7	Anthracene	4.6	ug/Kg	J	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	88-75-5	2-Nitrophenol	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	99-09-2	3-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-94-1	3,3'-Dichlorobenzidine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	15831-10-4	3 & 4 Methylphenol	460	ug/Kg	U	460	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	191-24-2	Benzo[g,h,i]perylene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	205-99-2	Benzo[b]fluoranthene	5.3	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	78-59-1	Isophorone	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	207-08-9	Benzo[k]fluoranthene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	111-91-1	Bis(2-chloroethoxy)methane	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	50-32-8	Benzo[a]pyrene	4.5	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	210	ug/Kg		79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	111-44-4	Bis(2-chloroethyl)ether	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)

240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	86-30-6	N-Nitrosodiphenylamine	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	62-75-9	N-Nitrosodimethylamine	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	67-72-1	Hexachloroethane	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	621-64-7	N-Nitrosodi-n-propylamine	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-20-3	Naphthalene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	118-74-1	Hexachlorobenzene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	86-73-7	Fluorene	8.2	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	84-66-2	Diethyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	87-68-3	Hexachlorobutadiene	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	86-74-8	Carbazole	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	105-60-2	Caprolactam	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	132-64-9	Dibenzofuran	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	218-01-9	Chrysene	6.8	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	131-11-3	Dimethyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	208-96-8	Acenaphthylene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	56-55-3	Benzo[a]anthracene	6.8	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	120-12-7	Anthracene	10	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	98-86-2	Acetophenone	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	85-68-7	Butyl benzyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	206-44-0	Fluoranthene	19	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	100-52-7	Benzaldehyde	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	1912-24-9	Atrazine	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	87-86-5	Pentachlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	85-01-8	Phenanthrene	30	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	98-95-3	Nitrobenzene	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	6020A	7440-38-2	Arsenic	4	mg/Kg		0.95	MRL	2	Total	83278	4/17/2013 10:40	4/22/2013 10:41	4/23/2013 20:57	Metals (ICP/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	77-47-4	Hexachlorocyclopentadiene	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	95-95-4	2,4,5-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82727	4/17/2013 10:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-6	G-SB-1021-1-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82727	4/17/2013 10:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-57-6	2-Methylnaphthalene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	88-06-2	2,4,6-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	92-52-4	1,1'-Biphenyl	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	121-14-2	2,4-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	84-74-2	Di-n-butyl phthalate	32	ug/Kg	J B	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	51-28-5	2,4-Dinitrophenol	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	53-70-3	Dibenz(a,h)anthracene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	117-84-0	Di-n-octyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	95-57-8	2-Chlorophenol	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-58-7	2-Chloronaphthalene	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	105-67-9	2,4-Dimethylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	120-83-2	2,4-Dichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-94-1	3,3'-Dichlorobenzidine	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	15831-10-4	3 & 4 Methylphenol	450	ug/Kg	U	450	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	95-48-7	2-Methylphenol	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	99-09-2	3-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	100-02-7	4-Nitrophenol	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	108-95-2	Phenol	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	129-00-0	Pyrene	12	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	606-20-2	2,6-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	88-74-4	2-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	101-55-3	4-Bromophenyl phenyl ether	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	83-32-9	Acenaphthene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	106-47-8	4-Chloroaniline	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	59-50-7	4-Chloro-3-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	534-52-1	4,6-Dinitro-2-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	88-75-5	2-Nitrophenol	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	100-01-6	4-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	7005-72-3	4-Chlorophenyl phenyl ether	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	106-47-8	4-Chloroaniline	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	100-01-6	4-Nitroaniline	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	7005-72-3	4-Chlorophenyl phenyl ether	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	88-75-5	2-Nitrophenol	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	120-12-7	Anthracene	150	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)

240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	100-52-7	Benzaldehyde	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	98-86-2	Acetophenone	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	208-96-8	Acenaphthylene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	86-74-8	Carbazole	71	ug/Kg	J	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	84-74-2	Di-n-butyl phthalate	53	ug/Kg	J B	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	1912-24-9	Atrazine	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	218-01-9	Chrysene	940	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	191-24-2	Benzo[g,h,i]perylene	400	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	62-75-9	N-Nitrosodimethylamine	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	95-57-8	2-Chlorophenol	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	78-59-1	Isophorone	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	86-30-6	N-Nitrosodiphenylamine	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	205-99-2	Benzo[b]fluoranthene	940	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	207-08-9	Benzo[k]fluoranthene	400	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	50-32-8	Benzo[a]pyrene	660	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	56-55-3	Benzo[a]anthracene	950	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	59-50-7	4-Chloro-3-methylphenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	101-55-3	4-Bromophenyl phenyl ether	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-94-1	3,3'-Dichlorobenzidine	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	534-52-1	4,6-Dinitro-2-methylphenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	88-74-4	2-Nitroaniline	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	15831-10-4	3 & 4 Methylphenol	920	ug/Kg	U	920	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	95-48-7	2-Methylphenol	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-57-6	2-Methylnaphthalene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	99-09-2	3-Nitroaniline	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	111-44-4	Bis(2-chloroethyl)ether	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	111-91-1	Bis(2-chloroethoxy)methane	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	53-70-3	Dibenz(a,h)anthracene	100	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	117-84-0	Di-n-octyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	85-68-7	Butyl benzyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	83-32-9	Acenaphthene	66	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	170	ug/Kg		160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	105-60-2	Caprolactam	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	92-52-4	1,1'-Biphenyl	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	51-28-5	2,4-Dinitrophenol	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	606-20-2	2,6-Dinitrotoluene	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	100-02-7	4-Nitrophenol	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	121-14-2	2,4-Dinitrotoluene	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	95-95-4	2,4,5-Trichlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	132-64-9	Dibenzofuran	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-58-7	2-Chloronaphthalene	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	129-00-0	Pyrene	1900	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82727	4/17/2013 10:45	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	108-95-2	Phenol	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	6020A	7440-38-2	Arsenic	3.5	mg/Kg		1.1	MRL	2	Total	83278	4/17/2013 10:45	4/22/2013 10:41	4/23/2013 21:05	Metals (ICP/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82727	4/17/2013 10:45	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	350	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	98-95-3	Nitrobenzene	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	86-73-7	Fluorene	42	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	206-44-0	Fluoranthene	2000	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	87-86-5	Pentachlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	621-64-7	N-Nitrosodi-n-propylamine	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-20-3	Naphthalene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	85-01-8	Phenanthrene	780	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	84-66-2	Diethyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	120-83-2	2,4-Dichlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	87-68-3	Hexachlorobutadiene	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	88-06-2	2,4,6-Trichlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	105-67-9	2,4-Dimethylphenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	77-47-4	Hexachlorocyclopentadiene	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	131-11-3	Dimethyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	118-74-1	Hexachlorobenzene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	67-72-1	Hexachloroethane	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82727	4/17/2013 12:10	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture

240-23344-1	240-23344-8	G-DC-SCA-3	8082	11141-16-5	Aroclor-1232	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	9045C	N/A	pH	10.9	SU		0.1	MRL	1	Total	82819	4/17/2013 12:10	1/1/0001 12:00 AM	4/20/2013 11:46	pH
240-23344-1	240-23344-8	G-DC-SCA-3	9045C	N/A	pH	7.59	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 12:10	1/1/0001 12:00 AM	4/24/2013 16:11	pH
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11104-28-2	Aroclor-1221	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	12674-11-2	Aroclor-1016	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	53469-21-9	Aroclor-1242	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11096-82-5	Aroclor-1260	97	ug/Kg		39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11097-69-1	Aroclor-1254	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11100-14-4	Aroclor-1268	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	37324-23-5	Aroclor-1262	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	12672-29-6	Aroclor-1248	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-02-0	Nickel	0.013	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-50-8	Copper	0.017	mg/L	J	1	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-66-6	Zinc	0.56	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7439-92-1	Lead	0.11	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82727	4/17/2013 12:10	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-38-2	Arsenic	0.0044	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-47-3	Chromium	0.0075	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-43-9	Cadmium	0.0086	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 12:10	4/22/2013 15:35	4/23/2013 10:13	Mercury (CVAA)
240-23344-1	240-23344-8	G-DC-SCA-3	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 12:10	1/1/0001 12:00 AM	4/20/2013 10:35	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	9034_Calc	18496-25-8	Sulfide	36	mg/Kg	U	36	MRL	1	Total	83220	4/17/2013 12:10	4/23/2013 10:12	4/23/2013 13:52	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-8	G-DC-SCA-3	160.4	N/A	Total Volatile Solids	23000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 12:10	1/1/0001 12:00 AM	4/23/2013 22:51	Solids, Total Volatile (TVS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	2540G	N/A	Total Solids	87	%		0.02	MRL	1	Total	114314	4/17/2013 12:10	1/1/0001 12:00 AM	4/22/2013 13:50	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 12:10	1/1/0001 12:00 AM	4/22/2013 10:11	Paint Filter
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	9012A	57-12-5	Cyanide, Total	0.61	mg/Kg	U	0.61	MRL	1	Total	82716	4/17/2013 12:10	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-8	G-DC-SCA-3	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/17/2013 12:10	4/24/2013 14:55	4/24/2013 15:13	COD
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-39-3	Barium	0.3	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 12:10	4/22/2013 12:11	4/25/2013 18:22	Herbicides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/17/2013 12:10	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-8	G-DC-SCA-3	9071B	N/A	HEM	5000	mg/Kg		230	MRL	1	Total	83342	4/17/2013 12:10	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-8	G-DC-SCA-3	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/17/2013 12:10	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-8	G-DC-SCA-3	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 12:10	4/22/2013 12:11	4/25/2013 18:22	Herbicides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 12:40	1/1/0001 12:00 AM	4/22/2013 10:16	Paint Filter
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 12:40	4/22/2013 12:11	4/25/2013 18:45	Herbicides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/17/2013 12:40	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-9	G-DC-SCA-2	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/17/2013 12:40	4/24/2013 14:55	4/24/2013 15:14	COD
240-23344-1	240-23344-9	G-DC-SCA-2	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/17/2013 12:40	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	9071B	N/A	HEM	820	mg/Kg		240	MRL	1	Total	83342	4/17/2013 12:40	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7439-92-1	Lead	0.0066	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)

240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-66-6	Zinc	0.029	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-02-0	Nickel	0.0036	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	9012A	57-12-5	Cyanide, Total	0.14	mg/Kg	J B	0.62	MRL	1	Total	82716	4/17/2013 12:40	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-9	G-DC-SCA-2	8082	12674-11-2	Aroclor-1016	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	9045C	N/A	pH	7.49	SU		0.1	MRL	1	Total	82819	4/17/2013 12:40	1/1/0001 12:00 AM	4/20/2013 10:58	pH
240-23344-1	240-23344-9	G-DC-SCA-2	Moisture	N/A	Percent Solids	83	%		0.1	MRL	1	Total	82727	4/17/2013 12:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11104-28-2	Aroclor-1221	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	Moisture	N/A	Percent Moisture	17	%		0.1	MRL	1	Total	82727	4/17/2013 12:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-9	G-DC-SCA-2	8082	53469-21-9	Aroclor-1242	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11100-14-4	Aroclor-1268	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11097-69-1	Aroclor-1254	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	12672-29-6	Aroclor-1248	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11141-16-5	Aroclor-1232	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	9045C	N/A	pH	7.58	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 12:40	1/1/0001 12:00 AM	4/24/2013 16:15	pH
240-23344-1	240-23344-9	G-DC-SCA-2	8082	37324-23-5	Aroclor-1262	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11096-82-5	Aroclor-1260	28	ug/Kg	J	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 12:40	4/22/2013 15:35	4/23/2013 10:15	Mercury (CVAA)
240-23344-1	240-23344-9	G-DC-SCA-2	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 12:40	1/1/0001 12:00 AM	4/20/2013 11:02	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-38-2	Arsenic	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-39-3	Barium	0.17	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 12:40	4/22/2013 12:11	4/25/2013 18:45	Herbicides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-43-9	Cadmium	0.00076	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	160.4	N/A	Total Volatile Solids	20000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 12:40	1/1/0001 12:00 AM	4/23/2013 22:56	Solids, Total Volatile (TVS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	2540G	N/A	Total Solids	86	%		0.02	MRL	1	Total	114314	4/17/2013 12:40	1/1/0001 12:00 AM	4/22/2013 13:52	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-9	G-DC-SCA-2	9034_Calc	18496-25-8	Sulfide	37	mg/Kg	U	37	MRL	1	Total	83220	4/17/2013 12:40	4/23/2013 10:12	4/23/2013 13:54	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-50-8	Copper	0.022	mg/L	J	1	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-66-6	Zinc	0.079	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 9:30	1/1/0001 12:00 AM	4/22/2013 10:06	Paint Filter
240-23344-1	240-23344-3	I-DC-SCA-1	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 9:30	4/22/2013 12:11	4/25/2013 17:58	Herbicides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 9:30	4/22/2013 12:11	4/25/2013 17:58	Herbicides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	9012A	57-12-5	Cyanide, Total	0.58	mg/Kg	U	0.58	MRL	1	Total	82716	4/17/2013 9:30	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-3	I-DC-SCA-1	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/17/2013 9:30	4/24/2013 14:55	4/24/2013 15:13	COD
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	1664A	N/A	HEM	0.86	mg/L	J B	4.8	MRL	1	ASTM Leach	83310	4/17/2013 9:30	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-02-0	Nickel	0.052	mg/L	B	0.04	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	4500_NH3_F_ISE	7664-41-7	Ammonia	0.038	mg/L	J	0.2	MRL	1	ASTM Leach	83592	4/17/2013 9:30	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-3	I-DC-SCA-1	8082	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	2540G	N/A	Total Solids	87	%		0.02	MRL	1	Total	114314	4/17/2013 9:30	1/1/0001 12:00 AM	4/22/2013 13:48	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-3	I-DC-SCA-1	9034_Calc	18496-25-8	Sulfide	35	mg/Kg	U	35	MRL	1	Total	83220	4/17/2013 9:30	4/23/2013 10:12	4/23/2013 13:50	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82727	4/17/2013 9:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11100-14-4	Aroclor-1268	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	9045C	N/A	pH	10.4	SU		0.1	MRL	1	Total	82819	4/17/2013 9:30	1/1/0001 12:00 AM	4/20/2013 10:36	pH
240-23344-1	240-23344-3	I-DC-SCA-1	9045C	N/A	pH	11.2	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 9:30	1/1/0001 12:00 AM	4/24/2013 16:08	pH
240-23344-1	240-23344-3	I-DC-SCA-1	8082	37324-23-5	Aroclor-1262	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 9:30	4/22/2013 15:35	4/23/2013 10:12	Mercury (CVAA)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7439-92-1	Lead	0.031	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-39-3	Barium	0.42	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-38-2	Arsenic	0.0033	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 9:30	1/1/0001 12:00 AM	4/20/2013 10:07	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-3	I-DC-SCA-1	9071B	N/A	HEM	300	mg/Kg		210	MRL	1	Total	83342	4/17/2013 9:30	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-47-3	Chromium	0.0047	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-43-9	Cadmium	0.0029	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82727	4/17/2013 9:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	160.4	N/A	Total Volatile Solids	23000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 9:30	1/1/0001 12:00 AM	4/23/2013 22:47	Solids, Total Volatile (TVS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11096-82-5	Aroclor-1260	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	82002	4/10/2013 12:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11096-82-5	Aroclor-1260	740	ug/Kg		180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82002	4/10/2013 12:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-1	E-SS-984-0-0.5	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:00	4/22/2013 9:08	4/24/2013 10:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 14:55	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 14:55	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11096-82-5	Aroclor-1260	30000	ug/Kg		3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-10	E-SS-987-0-0.5	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	83276	4/10/2013 14:55	4/22/2013 9:08	4/24/2013 12:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11096-82-5	Aroclor-1260	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 15:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 15:00	4/22/2013 9:08	4/24/2013 13:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-11	E-SB-987-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 15:00	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-12	E-SB-987-2-3	Moisture	N/A	Percent Moisture	8.4	%		0.1	MRL	1	Total	82002	4/10/2013 15:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11097-69-1	Aroclor-1254	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82002	4/10/2013 15:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	11096-82-5	Aroclor-1260	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-12	E-SB-987-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	83276	4/10/2013 15:05	4/22/2013 9:08	4/24/2013 13:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	12674-11-2	Aroclor-1016	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	Moisture	N/A	Percent Moisture	8.6	%		0.1	MRL	1	Total	82002	4/10/2013 12:02	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-2	E-SB-984-0.5-2	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82002	4/10/2013 12:02	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11104-28-2	Aroclor-1221	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11096-82-5	Aroclor-1260	990000	ug/Kg		180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11141-16-5	Aroclor-1232	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	11097-69-1	Aroclor-1254	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	12672-29-6	Aroclor-1248	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-2	E-SB-984-0.5-2	8082A	53469-21-9	Aroclor-1242	180000	ug/Kg	U	180000	MRL	5000	Total	83276	4/10/2013 12:02	4/22/2013 9:08	4/24/2013 10:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11096-82-5	Aroclor-1260	290	ug/Kg		180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 12:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 12:05	4/22/2013 9:08	4/24/2013 10:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-3	E-SB-984-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 12:05	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	Moisture	N/A	Percent Moisture	8.3	%		0.1	MRL	1	Total	82002	4/10/2013 13:40	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11097-69-1	Aroclor-1254	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11096-82-5	Aroclor-1260	3000	ug/Kg		360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82002	4/10/2013 13:40	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-4	E-SS-985-0-0.5	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	83583	4/10/2013 13:40	4/22/2013 9:08	4/25/2013 12:35	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82002	4/10/2013 13:45	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-5	E-SB-985-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82002	4/10/2013 13:45	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11096-82-5	Aroclor-1260	240	ug/Kg		180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-5	E-SB-985-0.5-2	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83276	4/10/2013 13:45	4/22/2013 9:08	4/24/2013 11:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82002	4/10/2013 13:50	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11096-82-5	Aroclor-1260	660	ug/Kg		190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 13:50	4/22/2013 9:08	4/24/2013 11:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-6	E-SB-985-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82002	4/10/2013 13:50	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	12672-29-6	Aroclor-1248	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11104-28-2	Aroclor-1221	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82002	4/10/2013 14:20	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	53469-21-9	Aroclor-1242	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11141-16-5	Aroclor-1232	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11096-82-5	Aroclor-1260	2000	ug/Kg		350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	11097-69-1	Aroclor-1254	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	8082A	12674-11-2	Aroclor-1016	350	ug/Kg	U	350	MRL	10	Total	83276	4/10/2013 14:20	4/22/2013 9:08	4/24/2013 11:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-7	E-SS-986-0-0.5	Moisture	N/A	Percent Moisture	7.5	%		0.1	MRL	1	Total	82002	4/10/2013 14:20	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11096-82-5	Aroclor-1260	410	ug/Kg		190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-8	E-SB-986-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82002	4/10/2013 14:25	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-8	E-SB-986-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82002	4/10/2013 14:25	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-8	E-SB-986-0.5-2	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	U	190	MRL	5	Total	83276	4/10/2013 14:25	4/22/2013 9:08	4/24/2013 12:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11096-82-5	Aroclor-1260	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82002	4/10/2013 14:30	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83276	4/10/2013 14:30	4/22/2013 9:08	4/24/2013 12:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23052-1	240-23052-9	E-SB-986-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82002	4/10/2013 14:30	1/1/0001 12:00 AM	4/15/2013 14:06	Percent Moisture
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11096-82-5	Aroclor-1260	80000	ug/Kg		19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	83639	4/11/2013 9:50	4/24/2013 9:44	4/26/2013 3:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-1	E-SS-988-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	53469-21-9	Aroclor-1242	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg		7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	12672-29-6	Aroclor-1248	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	Moisture	N/A	Percent Moisture	8	%		0.1	MRL	1	Total	82365	4/11/2013 12:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-10	E-SB-991-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82365	4/11/2013 12:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11097-69-1	Aroclor-1254	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11141-16-5	Aroclor-1232	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	11104-28-2	Aroclor-1221	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-10	E-SB-991-0-0.5	8082A	12674-11-2	Aroclor-1016	7100	ug/Kg	U	7100	MRL	200	Total	83639	4/11/2013 12:10	4/24/2013 9:44	4/26/2013 5:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 12:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-11	E-SB-991-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 12:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11096-82-5	Aroclor-1260	54	ug/Kg		37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-11	E-SB-991-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:15	4/24/2013 9:44	4/26/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 12:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 12:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11096-82-5	Aroclor-1260	42	ug/Kg		37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-12	E-SB-991-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 12:20	4/24/2013 9:44	4/26/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 13:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 13:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-13	E-SS-992-0-0.5	8082A	11096-82-5	Aroclor-1260	8800	ug/Kg		1900	MRL	50	Total	83639	4/11/2013 13:35	4/24/2013 9:44	4/26/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11096-82-5	Aroclor-1260	2500	ug/Kg		750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 13:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-14	E-SB-992-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 13:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-14	E-SB-992-0.5-2	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	84719	4/11/2013 13:40	5/2/2013 9:21	5/5/2013 20:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-15	E-SB-992-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11096-82-5	Aroclor-1260	34	ug/Kg	J	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-15	E-SB-992-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 13:45	5/2/2013 9:21	5/5/2013 20:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	53469-21-9	Aroclor-1242	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11096-82-5	Aroclor-1260	8900	ug/Kg		3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	Moisture	N/A	Percent Moisture	6	%		0.1	MRL	1	Total	82365	4/11/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	12672-29-6	Aroclor-1248	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11097-69-1	Aroclor-1254	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11141-16-5	Aroclor-1232	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	11104-28-2	Aroclor-1221	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	8082A	12674-11-2	Aroclor-1016	3600	ug/Kg	U	3600	MRL	100	Total	84719	4/11/2013 13:50	5/2/2013 9:21	5/5/2013 21:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-16	E-SS-993-0-0.5	Moisture	N/A	Percent Solids	94	%		0.1	MRL	1	Total	82365	4/11/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11096-82-5	Aroclor-1260	14000	ug/Kg		1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	12674-11-2	Aroclor-1016	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	53469-21-9	Aroclor-1242	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82365	4/11/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-17	E-SB-993-0.5-2	Moisture	N/A	Percent Moisture	7.6	%		0.1	MRL	1	Total	82365	4/11/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11104-28-2	Aroclor-1221	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	12672-29-6	Aroclor-1248	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11097-69-1	Aroclor-1254	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-17	E-SB-993-0.5-2	8082A	11141-16-5	Aroclor-1232	1800	ug/Kg	U	1800	MRL	50	Total	84781	4/11/2013 13:55	5/2/2013 9:21	5/6/2013 12:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/11/2013 14:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11096-82-5	Aroclor-1260	140	ug/Kg		37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/11/2013 14:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-18	E-SB-993-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:00	5/2/2013 9:21	5/5/2013 21:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 14:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 14:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	11096-82-5	Aroclor-1260	39000	ug/Kg		19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-19	E-SS-994-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:10	5/2/2013 9:21	5/5/2013 21:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23118-1	240-23118-2	E-SB-988-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-2	E-SB-988-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11096-82-5	Aroclor-1260	3700	ug/Kg		750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-2	E-SB-988-0.5-2	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	83639	4/11/2013 9:55	4/24/2013 9:44	4/26/2013 3:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11097-69-1	Aroclor-1254	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 14:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-20	E-SB-994-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 14:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11096-82-5	Aroclor-1260	1100	ug/Kg		360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-20	E-SB-994-0.5-2	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	84719	4/11/2013 14:15	5/2/2013 9:21	5/5/2013 22:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	Moisture	N/A	Percent Moisture	9.6	%		0.1	MRL	1	Total	82365	4/11/2013 14:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-21	E-SB-994-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 14:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11096-82-5	Aroclor-1260	75	ug/Kg		37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-21	E-SB-994-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/11/2013 14:20	5/2/2013 9:21	5/5/2013 22:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 14:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11096-82-5	Aroclor-1260	62000	ug/Kg		19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 14:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-22	E-SS-995-0-0.5	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:40	5/2/2013 9:21	5/5/2013 22:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11096-82-5	Aroclor-1260	34000	ug/Kg		19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84719	4/11/2013 14:45	5/2/2013 9:21	5/5/2013 22:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-23	E-SB-995-0.5-2	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	82365	4/11/2013 14:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-23	E-SB-995-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 14:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11096-82-5	Aroclor-1260	5500	ug/Kg		1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-24	E-SB-995-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:03	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11096-82-5	Aroclor-1260	36000	ug/Kg		18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:50	5/2/2013 9:21	5/5/2013 23:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-25	E-SS-996-0-0.5	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 14:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/11/2013 14:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-26	E-SB-996-0.5-2	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/11/2013 14:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-26	E-SB-996-0.5-2	8082A	11096-82-5	Aroclor-1260	74000	ug/Kg		18000	MRL	500	Total	84719	4/11/2013 14:55	5/2/2013 9:21	5/6/2013 0:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	12674-11-2	Aroclor-1016	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11141-16-5	Aroclor-1232	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	12672-29-6	Aroclor-1248	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11097-69-1	Aroclor-1254	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	53469-21-9	Aroclor-1242	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11104-28-2	Aroclor-1221	390	ug/Kg	U	390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-27	E-SB-996-2-3	8082A	11096-82-5	Aroclor-1260	550	ug/Kg		390	MRL	10	Total	84719	4/11/2013 15:00	5/2/2013 9:21	5/6/2013 0:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	53469-21-9	Aroclor-1242	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11096-82-5	Aroclor-1260	23000	ug/Kg		3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11097-69-1	Aroclor-1254	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11104-28-2	Aroclor-1221	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	12672-29-6	Aroclor-1248	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-28	E-SS-997-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	11141-16-5	Aroclor-1232	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-28	E-SS-997-0-0.5	8082A	12674-11-2	Aroclor-1016	3900	ug/Kg	U	3900	MRL	100	Total	84719	4/11/2013 15:10	5/2/2013 9:21	5/6/2013 0:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11104-28-2	Aroclor-1221	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	12674-11-2	Aroclor-1016	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 15:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-29	E-SB-997-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 15:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11096-82-5	Aroclor-1260	270	ug/Kg		190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11097-69-1	Aroclor-1254	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	12672-29-6	Aroclor-1248	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	53469-21-9	Aroclor-1242	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-29	E-SB-997-0.5-2	8082A	11141-16-5	Aroclor-1232	190	ug/Kg	U	190	MRL	5	Total	84719	4/11/2013 15:15	5/2/2013 9:21	5/6/2013 0:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 10:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-3	E-SB-988-2-3	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 10:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	11096-82-5	Aroclor-1260	34	ug/Kg	J	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-3	E-SB-988-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 10:00	4/24/2013 9:44	4/26/2013 3:40	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/11/2013 15:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/11/2013 15:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11096-82-5	Aroclor-1260	31	ug/Kg	J	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-30	E-SB-997-2-3	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	84719	4/11/2013 15:20	5/2/2013 9:21	5/6/2013 1:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	53469-21-9	Aroclor-1242	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11096-82-5	Aroclor-1260	45000	ug/Kg		7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	12672-29-6	Aroclor-1248	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11097-69-1	Aroclor-1254	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/11/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-4	E-SS-989-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/11/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11104-28-2	Aroclor-1221	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	11141-16-5	Aroclor-1232	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-4	E-SS-989-0-0.5	8082A	12674-11-2	Aroclor-1016	7600	ug/Kg	U	7600	MRL	200	Total	83639	4/11/2013 11:00	4/24/2013 9:44	4/26/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	12674-11-2	Aroclor-1016	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82365	4/11/2013 11:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11096-82-5	Aroclor-1260	34000	ug/Kg		7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11097-69-1	Aroclor-1254	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 11:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11104-28-2	Aroclor-1221	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	12672-29-6	Aroclor-1248	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	53469-21-9	Aroclor-1242	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-5	E-SB-989-0.5-2	8082A	11141-16-5	Aroclor-1232	7400	ug/Kg	U	7400	MRL	200	Total	83639	4/11/2013 11:05	4/24/2013 9:44	4/26/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/11/2013 11:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-6	E-SB-989-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/11/2013 11:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11096-82-5	Aroclor-1260	23	ug/Kg	J	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-6	E-SB-989-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:10	4/24/2013 9:44	4/26/2013 4:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	53469-21-9	Aroclor-1242	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	12672-29-6	Aroclor-1248	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82365	4/11/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-7	E-SS-990-0-0.5	Moisture	N/A	Percent Moisture	8.4	%		0.1	MRL	1	Total	82365	4/11/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg		7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11104-28-2	Aroclor-1221	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11141-16-5	Aroclor-1232	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	12674-11-2	Aroclor-1016	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-7	E-SS-990-0-0.5	8082A	11097-69-1	Aroclor-1254	7200	ug/Kg	U	7200	MRL	200	Total	83639	4/11/2013 11:40	4/24/2013 9:44	4/26/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11096-82-5	Aroclor-1260	60000	ug/Kg		18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/11/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-8	E-SB-990-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/11/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-8	E-SB-990-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	83639	4/11/2013 11:45	4/24/2013 9:44	4/26/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/11/2013 11:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-9	E-SB-990-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/11/2013 11:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	11096-82-5	Aroclor-1260	39	ug/Kg		37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23118-1	240-23118-9	E-SB-990-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83639	4/11/2013 11:50	4/24/2013 9:44	4/26/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11096-82-5	Aroclor-1260	27000	ug/Kg		18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-1	E-SS-998-0-0.5	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82155	4/12/2013 10:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-1	E-SS-998-0-0.5	Moisture	N/A	Percent Moisture	8.4	%		0.1	MRL	1	Total	82155	4/12/2013 10:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-1	E-SS-998-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84719	4/12/2013 10:00	5/2/2013 9:21	5/6/2013 1:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11097-69-1	Aroclor-1254	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11096-82-5	Aroclor-1260	4900	ug/Kg		750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	83895	4/12/2013 13:30	4/25/2013 8:04	4/29/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-10	E-SS-1001-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 13:30	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-10	E-SS-1001-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 13:30	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11141-16-5	Aroclor-1232	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11104-28-2	Aroclor-1221	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11097-69-1	Aroclor-1254	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 13:35	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	12674-11-2	Aroclor-1016	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 13:35	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	11096-82-5	Aroclor-1260	4200	ug/Kg		760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	53469-21-9	Aroclor-1242	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-11	E-SB-1001-0.5-2	8082A	12672-29-6	Aroclor-1248	760	ug/Kg	U	760	MRL	20	Total	83895	4/12/2013 13:35	4/25/2013 8:04	4/29/2013 5:27	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	12674-11-2	Aroclor-1016	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11097-69-1	Aroclor-1254	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11141-16-5	Aroclor-1232	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	53469-21-9	Aroclor-1242	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	12672-29-6	Aroclor-1248	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11104-28-2	Aroclor-1221	3600	ug/Kg	U	3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-12	E-SB-1001-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82155	4/12/2013 13:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-12	E-SB-1001-2-3	Moisture	N/A	Percent Moisture	8.9	%		0.1	MRL	1	Total	82155	4/12/2013 13:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-12	E-SB-1001-2-3	8082A	11096-82-5	Aroclor-1260	22000	ug/Kg		3600	MRL	100	Total	83895	4/12/2013 13:40	4/25/2013 8:04	4/29/2013 5:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11097-69-1	Aroclor-1254	18000	ug/Kg		3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82155	4/12/2013 13:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 13:50	4/25/2013 8:04	4/29/2013 5:57	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-13	E-SS-1002-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82155	4/12/2013 13:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82155	4/12/2013 13:55	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-14	E-SB-1002-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82155	4/12/2013 13:55	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	11096-82-5	Aroclor-1260	630	ug/Kg		180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-14	E-SB-1002-0.5-2	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 13:55	4/25/2013 8:04	4/29/2013 6:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11096-82-5	Aroclor-1260	26000	ug/Kg		3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82155	4/12/2013 14:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 14:00	4/25/2013 8:04	4/29/2013 6:28	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-15	E-SB-1002-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 14:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11096-82-5	Aroclor-1260	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	53469-21-9	Aroclor-1242	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	12672-29-6	Aroclor-1248	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11097-69-1	Aroclor-1254	24000	ug/Kg		3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82155	4/12/2013 14:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-16	E-SS-1003-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82155	4/12/2013 14:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11141-16-5	Aroclor-1232	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	12674-11-2	Aroclor-1016	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-16	E-SS-1003-0-0.5	8082A	11104-28-2	Aroclor-1221	3900	ug/Kg	U	3900	MRL	100	Total	83895	4/12/2013 14:15	4/25/2013 8:04	4/29/2013 6:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:20	4/25/2013 8:04	4/29/2013 6:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-17	E-SB-1003-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 14:20	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-18	E-SB-1003-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82155	4/12/2013 14:25	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 14:25	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	11096-82-5	Aroclor-1260	6800	ug/Kg		1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-18	E-SB-1003-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:25	4/25/2013 8:04	4/29/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11096-82-5	Aroclor-1260	3100	ug/Kg		740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 0:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-19	E-DUP-01-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 0:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-19	E-DUP-01-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 0:00	4/25/2013 8:04	4/29/2013 7:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82155	4/12/2013 10:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11096-82-5	Aroclor-1260	140	ug/Kg		37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23162-1	240-23162-2	E-SB-998-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82155	4/12/2013 10:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-2	E-SB-998-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:05	5/2/2013 9:21	5/6/2013 1:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11096-82-5	Aroclor-1260	8800	ug/Kg		2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-20	E-SS-1004-0-0.5	Moisture	N/A	Percent Moisture	20	%		0.1	MRL	1	Total	82155	4/12/2013 14:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-20	E-SS-1004-0-0.5	Moisture	N/A	Percent Solids	80	%		0.1	MRL	1	Total	82155	4/12/2013 14:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-20	E-SS-1004-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	U	2000	MRL	50	Total	83895	4/12/2013 14:40	4/25/2013 8:04	4/29/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82155	4/12/2013 14:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-21	E-SB-1004-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82155	4/12/2013 14:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11096-82-5	Aroclor-1260	1000	ug/Kg		370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	11097-69-1	Aroclor-1254	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-21	E-SB-1004-0.5-2	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	U	370	MRL	10	Total	83895	4/12/2013 14:45	4/25/2013 8:04	4/29/2013 8:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 14:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-22	E-SB-1004-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 14:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-22	E-SB-1004-2-3	8082A	11096-82-5	Aroclor-1260	9600	ug/Kg		1900	MRL	50	Total	83895	4/12/2013 14:50	4/25/2013 8:04	4/29/2013 9:16	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82155	4/12/2013 15:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg		3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82155	4/12/2013 15:00	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-23	E-SS-1005-0-0.5	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	U	3800	MRL	100	Total	83895	4/12/2013 15:00	4/25/2013 8:04	4/29/2013 9:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82155	4/12/2013 15:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11097-69-1	Aroclor-1254	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11096-82-5	Aroclor-1260	2300	ug/Kg		370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-24	E-SB-1005-0.5-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82155	4/12/2013 15:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-24	E-SB-1005-0.5-2	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	U	370	MRL	10	Total	84723	4/12/2013 15:05	5/3/2013 12:21	5/6/2013 10:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82155	4/12/2013 15:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-25	E-SB-1005-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82155	4/12/2013 15:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11096-82-5	Aroclor-1260	12000	ug/Kg		3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-25	E-SB-1005-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	84723	4/12/2013 15:10	5/3/2013 12:21	5/6/2013 10:23	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 10:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11096-82-5	Aroclor-1260	31	ug/Kg	J	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 10:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-3	E-SB-998-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84719	4/12/2013 10:10	5/2/2013 9:21	5/6/2013 1:47	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11104-28-2	Aroclor-1221	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11141-16-5	Aroclor-1232	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	Moisture	N/A	Percent Moisture	21	%		0.1	MRL	1	Total	82155	4/12/2013 11:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23162-1	240-23162-4	E-SS-999-0-0.5	Moisture	N/A	Percent Solids	79	%		0.1	MRL	1	Total	82155	4/12/2013 11:05	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	53469-21-9	Aroclor-1242	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	12672-29-6	Aroclor-1248	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	12674-11-2	Aroclor-1016	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11097-69-1	Aroclor-1254	4200	ug/Kg	U	4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-4	E-SS-999-0-0.5	8082A	11096-82-5	Aroclor-1260	26000	ug/Kg		4200	MRL	100	Total	83895	4/12/2013 11:05	4/25/2013 8:04	4/29/2013 3:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11104-28-2	Aroclor-1221	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11097-69-1	Aroclor-1254	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	12672-29-6	Aroclor-1248	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	Moisture	N/A	Percent Moisture	4	%		0.1	MRL	1	Total	82155	4/12/2013 11:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	53469-21-9	Aroclor-1242	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11096-82-5	Aroclor-1260	620	ug/Kg		340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	Moisture	N/A	Percent Solids	96	%		0.1	MRL	1	Total	82155	4/12/2013 11:10	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	12674-11-2	Aroclor-1016	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-5	E-SB-999-0.5-2	8082A	11141-16-5	Aroclor-1232	340	ug/Kg	U	340	MRL	10	Total	83895	4/12/2013 11:10	4/25/2013 8:04	4/29/2013 3:55	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	Moisture	N/A	Percent Solids	92	%		0.1	MRL	1	Total	82155	4/12/2013 11:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11097-69-1	Aroclor-1254	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-6	E-SB-999-2-3	Moisture	N/A	Percent Moisture	8.3	%		0.1	MRL	1	Total	82155	4/12/2013 11:15	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-6	E-SB-999-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	83895	4/12/2013 11:15	4/25/2013 8:04	4/29/2013 4:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	12674-11-2	Aroclor-1016	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11104-28-2	Aroclor-1221	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	Moisture	N/A	Percent Solids	75	%		0.1	MRL	1	Total	82155	4/12/2013 11:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	53469-21-9	Aroclor-1242	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	12672-29-6	Aroclor-1248	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11096-82-5	Aroclor-1260	7200	ug/Kg		2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	Moisture	N/A	Percent Moisture	25	%		0.1	MRL	1	Total	82155	4/12/2013 11:40	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11141-16-5	Aroclor-1232	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-7	E-SS-1000-0-0.5	8082A	11097-69-1	Aroclor-1254	2200	ug/Kg	U	2200	MRL	50	Total	83895	4/12/2013 11:40	4/25/2013 8:04	4/29/2013 4:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11096-82-5	Aroclor-1260	3000	ug/Kg		740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82155	4/12/2013 11:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-8	E-SB-1000-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82155	4/12/2013 11:45	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-8	E-SB-1000-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	U	740	MRL	20	Total	83895	4/12/2013 11:45	4/25/2013 8:04	4/29/2013 4:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11096-82-5	Aroclor-1260	140	ug/Kg		37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82155	4/12/2013 11:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82155	4/12/2013 11:50	1/1/0001 12:00 AM	4/16/2013 12:59	Percent Moisture
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23162-1	240-23162-9	E-SB-1000-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83895	4/12/2013 11:50	4/25/2013 8:04	4/29/2013 4:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11096-82-5	Aroclor-1260	8900	ug/Kg		1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-1	E-SB-DUP02-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-10	E-SB-1006-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-10	E-SB-1006-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 9:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11096-82-5	Aroclor-1260	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	12672-29-6	Aroclor-1248	27	ug/Kg	J	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-10	E-SB-1006-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 9:55	4/25/2013 8:00	5/2/2013 5:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11096-82-5	Aroclor-1260	62	ug/Kg		38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 10:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 10:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	12672-29-6	Aroclor-1248	30	ug/Kg	J	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-11	E-SS-1007-0-0.5	8082A	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	84506	4/15/2013 10:15	4/25/2013 8:00	5/2/2013 14:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 10:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-12	E-SB-1007-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 10:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11096-82-5	Aroclor-1260	21	ug/Kg	J	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-12	E-SB-1007-0.5-2	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	84384	4/15/2013 10:20	4/25/2013 8:00	5/2/2013 5:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	Moisture	N/A	Percent Moisture	9.1	%		0.1	MRL	1	Total	82365	4/15/2013 10:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-13	E-SB-1007-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 10:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11097-69-1	Aroclor-1254	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-13	E-SB-1007-2-3	8082A	11096-82-5	Aroclor-1260	52	ug/Kg		36	MRL	1	Total	84723	4/15/2013 10:25	5/3/2013 3:15	5/6/2013 10:38	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 10:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	53469-21-9	Aroclor-1242	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11096-82-5	Aroclor-1260	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	12672-29-6	Aroclor-1248	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11141-16-5	Aroclor-1232	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11104-28-2	Aroclor-1221	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 10:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	11097-69-1	Aroclor-1254	3200	ug/Kg		370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-14	E-SS-1008-0-0.5	8082A	12674-11-2	Aroclor-1016	370	ug/Kg	U	370	MRL	10	Total	84384	4/15/2013 10:30	4/25/2013 8:00	5/2/2013 6:14	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11097-69-1	Aroclor-1254	3100	ug/Kg		380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	53469-21-9	Aroclor-1242	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11096-82-5	Aroclor-1260	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	12672-29-6	Aroclor-1248	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11141-16-5	Aroclor-1232	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	12674-11-2	Aroclor-1016	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	8082A	11104-28-2	Aroclor-1221	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 10:35	4/25/2013 8:00	5/2/2013 6:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-15	E-SB-1008-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 10:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-15	E-SB-1008-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 10:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg		3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11096-82-5	Aroclor-1260	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 10:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-16	E-SB-1008-2-3	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 10:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-16	E-SB-1008-2-3	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:40	4/25/2013 8:00	5/2/2013 7:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11096-82-5	Aroclor-1260	19000	ug/Kg		3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 10:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-17	E-SS-1009-0-0.5	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 10:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-17	E-SS-1009-0-0.5	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	84384	4/15/2013 10:50	4/25/2013 8:00	5/2/2013 7:58	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11097-69-1	Aroclor-1254	2700000	ug/Kg		370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 10:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-18	E-SB-1009-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 10:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-18	E-SB-1009-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	U	370000	MRL	10000	Total	84384	4/15/2013 10:55	4/25/2013 8:00	5/2/2013 8:13	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	82365	4/15/2013 11:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	11097-69-1	Aroclor-1254	1400	ug/Kg		360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-19	E-SB-1009-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	84386	4/15/2013 11:00	4/29/2013 8:49	5/2/2013 3:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11104-28-2	Aroclor-1221	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	12674-11-2	Aroclor-1016	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11096-82-5	Aroclor-1260	2500	ug/Kg		380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	53469-21-9	Aroclor-1242	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11097-69-1	Aroclor-1254	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	11141-16-5	Aroclor-1232	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-2	E-SB-DUP03-0.5-2	8082A	12672-29-6	Aroclor-1248	380	ug/Kg	U	380	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11096-82-5	Aroclor-1260	4400	ug/Kg		1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 11:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-20	E-SS-1010-0-0.5	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	84386	4/15/2013 11:15	4/29/2013 8:49	5/2/2013 4:42	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-20	E-SS-1010-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 11:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-21	E-SB-1010-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 11:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-21	E-SB-1010-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 11:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11097-69-1	Aroclor-1254	4700000	ug/Kg		370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-21	E-SB-1010-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	U	370000	MRL	10000	Total	84574	4/15/2013 11:20	4/29/2013 8:49	5/3/2013 9:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 11:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 11:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11097-69-1	Aroclor-1254	810000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-22	E-SB-1010-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:25	4/29/2013 8:49	5/2/2013 5:11	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82365	4/15/2013 11:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-23	E-SS-1011-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82365	4/15/2013 11:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11096-82-5	Aroclor-1260	9700	ug/Kg		2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-23	E-SS-1011-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	U	2000	MRL	50	Total	84386	4/15/2013 11:35	4/29/2013 8:49	5/2/2013 5:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11097-69-1	Aroclor-1254	1200000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-24	E-SB-1011-0.5-2	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 11:40	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-24	E-SB-1011-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 11:40	4/29/2013 8:49	5/2/2013 5:39	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	Moisture	N/A	Percent Moisture	7.2	%		0.1	MRL	1	Total	82365	4/15/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11097-69-1	Aroclor-1254	370	ug/Kg		180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 11:45	4/29/2013 8:49	5/2/2013 5:53	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-25	E-SB-1011-2-3	Moisture	N/A	Percent Solids	93	%		0.1	MRL	1	Total	82365	4/15/2013 11:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11096-82-5	Aroclor-1260	44000	ug/Kg		17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11097-69-1	Aroclor-1254	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	53469-21-9	Aroclor-1242	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	12672-29-6	Aroclor-1248	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11104-28-2	Aroclor-1221	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	12674-11-2	Aroclor-1016	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	Moisture	N/A	Percent Solids	95	%		0.1	MRL	1	Total	82365	4/15/2013 13:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-26	E-SS-1012-0-0.5	8082A	11141-16-5	Aroclor-1232	17000	ug/Kg	U	17000	MRL	500	Total	84386	4/15/2013 13:15	4/29/2013 8:49	5/2/2013 6:07	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-26	E-SS-1012-0-0.5	Moisture	N/A	Percent Moisture	5.4	%		0.1	MRL	1	Total	82365	4/15/2013 13:15	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11097-69-1	Aroclor-1254	400000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:20	4/29/2013 8:49	5/2/2013 6:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-27	E-SB-1012-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 13:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-27	E-SB-1012-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 13:20	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-28	E-SB-1012-2-3	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 13:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 13:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11097-69-1	Aroclor-1254	340000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-28	E-SB-1012-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 13:25	4/29/2013 8:49	5/2/2013 6:36	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	53469-21-9	Aroclor-1242	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11096-82-5	Aroclor-1260	32000	ug/Kg		20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	12672-29-6	Aroclor-1248	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82365	4/15/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11104-28-2	Aroclor-1221	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82365	4/15/2013 13:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11097-69-1	Aroclor-1254	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	11141-16-5	Aroclor-1232	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-29	E-SS-1013-0-0.5	8082A	12674-11-2	Aroclor-1016	20000	ug/Kg	U	20000	MRL	500	Total	84386	4/15/2013 13:45	4/29/2013 8:49	5/2/2013 6:50	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11096-82-5	Aroclor-1260	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	53469-21-9	Aroclor-1242	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11097-69-1	Aroclor-1254	6100	ug/Kg		750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11141-16-5	Aroclor-1232	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	12672-29-6	Aroclor-1248	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	11104-28-2	Aroclor-1221	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-3	E-SS-DUP04-0-0.5	8082A	12674-11-2	Aroclor-1016	750	ug/Kg	U	750	MRL	20	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	12674-11-2	Aroclor-1016	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11097-69-1	Aroclor-1254	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11104-28-2	Aroclor-1221	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	53469-21-9	Aroclor-1242	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-30	E-SB-1013-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 13:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	12672-29-6	Aroclor-1248	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11141-16-5	Aroclor-1232	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-30	E-SB-1013-0.5-2	8082A	11096-82-5	Aroclor-1260	38000	ug/Kg	U	38000	MRL	1000	Total	84386	4/15/2013 13:50	4/29/2013 8:49	5/2/2013 7:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11096-82-5	Aroclor-1260	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82365	4/15/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-31	E-SB-1013-2-3	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82365	4/15/2013 13:55	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11097-69-1	Aroclor-1254	70000	ug/Kg		19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-31	E-SB-1013-2-3	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84386	4/15/2013 13:55	4/29/2013 8:49	5/2/2013 7:18	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11096-82-5	Aroclor-1260	3600	ug/Kg		1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	53469-21-9	Aroclor-1242	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 14:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11097-69-1	Aroclor-1254	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	12672-29-6	Aroclor-1248	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11104-28-2	Aroclor-1221	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	11141-16-5	Aroclor-1232	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	8082A	12674-11-2	Aroclor-1016	1800	ug/Kg	U	1800	MRL	50	Total	84386	4/15/2013 14:25	4/29/2013 8:49	5/2/2013 7:32	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-32	E-SS-1014-0-0.5	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82365	4/15/2013 14:25	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	53469-21-9	Aroclor-1242	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11104-28-2	Aroclor-1221	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	82365	4/15/2013 14:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	12672-29-6	Aroclor-1248	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11141-16-5	Aroclor-1232	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11097-69-1	Aroclor-1254	780000	ug/Kg		370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	82365	4/15/2013 14:30	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	11096-82-5	Aroclor-1260	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-33	E-SB-1014-0.5-2	8082A	12674-11-2	Aroclor-1016	370000	ug/Kg	U	370000	MRL	10000	Total	84386	4/15/2013 14:30	4/29/2013 8:49	5/2/2013 8:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 14:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-34	E-SB-1014-2-3	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/15/2013 14:35	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11141-16-5	Aroclor-1232	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11096-82-5	Aroclor-1260	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11104-28-2	Aroclor-1221	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	12674-11-2	Aroclor-1016	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	11097-69-1	Aroclor-1254	310	ug/Kg		180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	12672-29-6	Aroclor-1248	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-34	E-SB-1014-2-3	8082A	53469-21-9	Aroclor-1242	180	ug/Kg	U	180	MRL	5	Total	84386	4/15/2013 14:35	4/29/2013 8:49	5/2/2013 8:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11096-82-5	Aroclor-1260	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11097-69-1	Aroclor-1254	100000	ug/Kg		18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-35	E-SS-1015-0-0.5	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/15/2013 15:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-35	E-SS-1015-0-0.5	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84386	4/15/2013 15:00	4/29/2013 8:49	5/2/2013 8:43	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	82365	4/15/2013 15:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11096-82-5	Aroclor-1260	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	82365	4/15/2013 15:05	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-36	E-SB-1015-0.5-2	8082A	11097-69-1	Aroclor-1254	130000	ug/Kg		18000	MRL	500	Total	84574	4/15/2013 15:05	4/29/2013 8:49	5/3/2013 9:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11097-69-1	Aroclor-1254	1600000	ug/Kg		190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82365	4/15/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-37	E-SB-1015-2-3	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82365	4/15/2013 15:10	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-37	E-SB-1015-2-3	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84386	4/15/2013 15:10	4/29/2013 8:49	5/2/2013 9:12	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11096-82-5	Aroclor-1260	32000	ug/Kg		7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	Moisture	N/A	Percent Moisture	9.4	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11104-28-2	Aroclor-1221	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	12674-11-2	Aroclor-1016	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11141-16-5	Aroclor-1232	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	53469-21-9	Aroclor-1242	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	11097-69-1	Aroclor-1254	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-38	E-SS-DUP07-0-0.5	8082A	12672-29-6	Aroclor-1248	7300	ug/Kg	U	7300	MRL	200	Total	84386	4/15/2013 0:00	4/29/2013 8:49	5/2/2013 9:26	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	53469-21-9	Aroclor-1242	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	Moisture	N/A	Percent Moisture	9.8	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11097-69-1	Aroclor-1254	1100	ug/Kg		360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23215-1	240-23215-4	E-SB-DUP05-2-3	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-4	E-SB-DUP05-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 3:45	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11096-82-5	Aroclor-1260	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	53469-21-9	Aroclor-1242	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11097-69-1	Aroclor-1254	1300000	ug/Kg		190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	12674-11-2	Aroclor-1016	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	12672-29-6	Aroclor-1248	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11141-16-5	Aroclor-1232	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-5	E-SB-DUP06-0.5-2	8082A	11104-28-2	Aroclor-1221	190000	ug/Kg	U	190000	MRL	5000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:00	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	12674-11-2	Aroclor-1016	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11104-28-2	Aroclor-1221	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-6	E-SB-DUP08-2-3	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	12672-29-6	Aroclor-1248	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11141-16-5	Aroclor-1232	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11097-69-1	Aroclor-1254	700000	ug/Kg		380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	53469-21-9	Aroclor-1242	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-6	E-SB-DUP08-2-3	8082A	11096-82-5	Aroclor-1260	380000	ug/Kg	U	380000	MRL	10000	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11097-69-1	Aroclor-1254	260	ug/Kg		36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	8082A	11096-82-5	Aroclor-1260	36	ug/Kg	U	36	MRL	1	Total	84384	4/15/2013 0:00	4/25/2013 8:00	5/2/2013 4:29	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-7	E-SB-DUP09-2-3	Moisture	N/A	Percent Moisture	9	%		0.1	MRL	1	Total	82365	4/15/2013 0:00	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11097-69-1	Aroclor-1254	6300	ug/Kg		730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	12672-29-6	Aroclor-1248	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11141-16-5	Aroclor-1232	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82365	4/15/2013 9:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11096-82-5	Aroclor-1260	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82365	4/15/2013 9:45	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	11104-28-2	Aroclor-1221	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	53469-21-9	Aroclor-1242	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-8	E-SS-1006-0-0.5	8082A	12674-11-2	Aroclor-1016	730	ug/Kg	U	730	MRL	20	Total	84384	4/15/2013 9:45	4/25/2013 8:00	5/2/2013 4:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11097-69-1	Aroclor-1254	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	12672-29-6	Aroclor-1248	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11141-16-5	Aroclor-1232	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	53469-21-9	Aroclor-1242	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	12674-11-2	Aroclor-1016	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	82365	4/15/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11096-82-5	Aroclor-1260	39000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	8082A	11104-28-2	Aroclor-1221	19000	ug/Kg	U	19000	MRL	500	Total	84384	4/15/2013 9:50	4/25/2013 8:00	5/2/2013 4:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23215-1	240-23215-9	E-SB-1006-0.5-2	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	82365	4/15/2013 9:50	1/1/0001 12:00 AM	4/17/2013 12:52	Percent Moisture
240-23291-1	240-23291-1	TB-041613	8260B	71-43-2	Benzene	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	75-01-4	Vinyl chloride	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	79-01-6	Trichloroethylene	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	127-18-4	Tetrachloroethylene	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	78-93-3	Methyl ethyl ketone (MEK)	10	ug/L	U	10	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	67-66-3	Chloroform	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	106-46-7	1,4-Dichlorobenzene	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	56-23-5	Carbon tetrachloride	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	75-35-4	1,1-Dichloroethylene	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	108-90-7	Chlorobenzene	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-1	TB-041613	8260B	107-06-2	1,2-Dichloroethane	1	ug/L	U	1	MRL	1	Total	83144	4/16/2013 0:00	1/1/0001 12:00 AM	4/23/2013 17:29	Volatile Organic Compounds (GC/MS)
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11097-69-1	Aroclor-1254	85000	ug/Kg		7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	12674-11-2	Aroclor-1016	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11096-82-5	Aroclor-1260	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	12672-29-6	Aroclor-1248	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	53469-21-9	Aroclor-1242	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 10:40	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11104-28-2	Aroclor-1221	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-10	E-SS-1018-0-0.5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 10:40	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-10	E-SS-1018-0-0.5	8082A	11141-16-5	Aroclor-1232	7600	ug/Kg	U	7600	MRL	200	Total	83265	4/16/2013 10:40	4/22/2013 9:02	4/24/2013 4:48	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	12674-11-2	Aroclor-1016	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11141-16-5	Aroclor-1232	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11097-69-1	Aroclor-1254	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 10:45	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11104-28-2	Aroclor-1221	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 10:45	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	12672-29-6	Aroclor-1248	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	11096-82-5	Aroclor-1260	29000	ug/Kg		3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-11	E-SB-1018-0.5-2	8082A	53469-21-9	Aroclor-1242	3800	ug/Kg	U	3800	MRL	100	Total	83265	4/16/2013 10:45	4/22/2013 9:02	4/24/2013 5:04	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	83052	4/16/2013 10:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11097-69-1	Aroclor-1254	51	ug/Kg		37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	83052	4/16/2013 10:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	11096-82-5	Aroclor-1260	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-12	E-SB-1018-2-3	8082A	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83265	4/16/2013 10:50	4/22/2013 9:02	4/24/2013 5:19	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	160.4	N/A	Total Volatile Solids	20000	mg/Kg		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:15	Solids, Total Volatile (TVS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/16/2013 12:00	4/22/2013 12:11	4/25/2013 16:00	Herbicides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	9071B	N/A	HEM	200	mg/Kg	J	240	MRL	1	Total	83342	4/16/2013 12:00	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11104-28-2	Aroclor-1221	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/16/2013 12:00	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11097-69-1	Aroclor-1254	6500	ug/Kg		390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	9012A	57-12-5	Cyanide, Total	0.16	mg/Kg	J B	0.62	MRL	1	Total	82716	4/16/2013 12:00	4/19/2013 8:26	4/19/2013 10:00	Cyanide, Total and/or Amenable
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 12:00	4/22/2013 11:39	4/23/2013 15:44	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11100-14-4	Aroclor-1268	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:00	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-13	E-DC-SCA-4	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:00	4/24/2013 14:55	4/24/2013 15:06	COD
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-39-3	Barium	0.63	mg/L	J B	10	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-43-9	Cadmium	0.0078	mg/L	J	0.1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-38-2	Arsenic	0.0047	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	83052	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-66-6	Zinc	0.13	mg/L	J B	1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	8082	12674-11-2	Aroclor-1016	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/16/2013 12:00	4/22/2013 15:35	4/23/2013 10:03	Mercury (CVAA)
240-23291-1	240-23291-13	E-DC-SCA-4	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/16/2013 12:00	4/22/2013 12:11	4/25/2013 16:00	Herbicides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:00	1/1/0001 12:00 AM	4/20/2013 6:55	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-13	E-DC-SCA-4	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 9:30	Paint Filter
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	9045C	N/A	pH	6.88	SU		0.1	MRL	1	Total	82819	4/16/2013 12:00	1/1/0001 12:00 AM	4/20/2013 11:36	pH
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	9045C	N/A	pH	6.5	SU	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:00	1/1/0001 12:00 AM	4/24/2013 15:38	pH
240-23291-1	240-23291-13	E-DC-SCA-4	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 12:00	4/22/2013 12:08	4/23/2013 11:02	Organochlorine Pesticides (GC)
240-23291-1	240-23291-13	E-DC-SCA-4	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	83052	4/16/2013 12:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11096-82-5	Aroclor-1260	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	11141-16-5	Aroclor-1232	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	37324-23-5	Aroclor-1262	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	53469-21-9	Aroclor-1242	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	8082	12672-29-6	Aroclor-1248	390	ug/Kg	U	390	MRL	10	Total	83504	4/16/2013 12:00	4/22/2013 9:02	4/25/2013 11:34	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	9034_Calc	18496-25-8	Sulfide	36	mg/Kg	U	36	MRL	1	Total	83220	4/16/2013 12:00	4/23/2013 10:12	4/23/2013 13:28	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7439-92-1	Lead	0.034	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-02-0	Nickel	0.0078	mg/L	J B	0.04	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23291-1	240-23291-13	E-DC-SCA-4	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 12:00	4/22/2013 12:29	4/23/2013 11:33	Metals (ICP)
240-23291-1	240-23291-13	E-DC-SCA-4	2540G	N/A	Total Solids	86	%		0.02	MRL	1	Total	114040	4/16/2013 12:00	1/1/0001 12:00 AM	4/19/2013 21:41	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-14	E-DC-SCA-5	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:15	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-14	E-DC-SCA-5	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	U	34	MRL	1	Total	83220	4/16/2013 12:15	4/23/2013 10:12	4/23/2013 13:34	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-14	E-DC-SCA-5	2540G	N/A	Total Solids	88	%		0.02	MRL	1	Total	114040	4/16/2013 12:15	1/1/0001 12:00 AM	4/19/2013 21:43	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-14	E-DC-SCA-5	8082	53469-21-9	Aroclor-1242	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	37324-23-5	Aroclor-1262	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	1664A	N/A	HEM	7.7	mg/L	B	4.8	MRL	1	ASTM Leach	83310	4/16/2013 12:15	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-14	E-DC-SCA-5	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:15	1/1/0001 12:00 AM	4/20/2013 7:22	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11104-28-2	Aroclor-1221	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11100-14-4	Aroclor-1268	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	160.4	N/A	Total Volatile Solids	25000	mg/Kg		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:16	Solids, Total Volatile (TVS)
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11141-16-5	Aroclor-1232	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11096-82-5	Aroclor-1260	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	12672-29-6	Aroclor-1248	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	8082	11097-69-1	Aroclor-1254	170000	ug/Kg		37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 9:34	Paint Filter
240-23291-1	240-23291-14	E-DC-SCA-5	9045C	N/A	pH	7.79	SU		0.1	MRL	1	Total	82819	4/16/2013 12:15	1/1/0001 12:00 AM	4/20/2013 11:41	pH
240-23291-1	240-23291-14	E-DC-SCA-5	9012A	57-12-5	Cyanide, Total	0.56	mg/Kg	U	0.56	MRL	1	Total	82716	4/16/2013 12:15	4/19/2013 8:26	4/19/2013 10:00	Cyanide, Total and/or Amenable
240-23291-1	240-23291-14	E-DC-SCA-5	9071B	N/A	HEM	280	mg/Kg		230	MRL	1	Total	83342	4/16/2013 12:15	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-14	E-DC-SCA-5	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:15	4/24/2013 14:55	4/24/2013 15:08	COD
240-23291-1	240-23291-14	E-DC-SCA-5	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-14	E-DC-SCA-5	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 12:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-14	E-DC-SCA-5	8082	12674-11-2	Aroclor-1016	37000	ug/Kg	U	37000	MRL	1000	Total	83266	4/16/2013 12:15	4/22/2013 9:02	4/24/2013 8:56	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-14	E-DC-SCA-5	9045C	N/A	pH	7.69	SU	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:15	1/1/0001 12:00 AM	4/24/2013 15:41	pH
240-23291-1	240-23291-15	E-DC-SCA-6	9012A	57-12-5	Cyanide, Total	0.57	mg/Kg	U	0.57	MRL	1	Total	82716	4/16/2013 12:25	4/19/2013 8:26	4/19/2013 10:00	Cyanide, Total and/or Amenable
240-23291-1	240-23291-15	E-DC-SCA-6	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 9:39	Paint Filter
240-23291-1	240-23291-15	E-DC-SCA-6	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:25	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-15	E-DC-SCA-6	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:25	1/1/0001 12:00 AM	4/20/2013 7:50	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-15	E-DC-SCA-6	9071B	N/A	HEM	240	mg/Kg		210	MRL	1	Total	83342	4/16/2013 12:25	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-15	E-DC-SCA-6	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	83052	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-15	E-DC-SCA-6	Moisture	N/A	Percent Moisture	9.7	%		0.1	MRL	1	Total	83052	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-15	E-DC-SCA-6	9045C	N/A	pH	7.08	SU	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:25	1/1/0001 12:00 AM	4/24/2013 15:44	pH
240-23291-1	240-23291-15	E-DC-SCA-6	9045C	N/A	pH	7.68	SU		0.1	MRL	1	Total	82819	4/16/2013 12:25	1/1/0001 12:00 AM	4/20/2013 10:47	pH
240-23291-1	240-23291-15	E-DC-SCA-6	8082	12674-11-2	Aroclor-1016	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	1664A	N/A	HEM	1.7	mg/L	J B	4.8	MRL	1	ASTM Leach	83310	4/16/2013 12:25	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-15	E-DC-SCA-6	8082	37324-23-5	Aroclor-1262	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	2540G	N/A	Total Solids	92	%		0.02	MRL	1	Total	114040	4/16/2013 12:25	1/1/0001 12:00 AM	4/19/2013 21:45	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-15	E-DC-SCA-6	8082	53469-21-9	Aroclor-1242	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	12672-29-6	Aroclor-1248	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11141-16-5	Aroclor-1232	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	160.4	N/A	Total Volatile Solids	19000	mg/Kg		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:25	1/1/0001 12:00 AM	4/22/2013 14:18	Solids, Total Volatile (TVS)
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11104-28-2	Aroclor-1221	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11100-14-4	Aroclor-1268	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:25	4/24/2013 14:55	4/24/2013 15:08	COD
240-23291-1	240-23291-15	E-DC-SCA-6	9034_Calc	18496-25-8	Sulfide	33	mg/Kg	U	33	MRL	1	Total	83220	4/16/2013 12:25	4/23/2013 10:12	4/23/2013 13:36	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11096-82-5	Aroclor-1260	18000	ug/Kg	U	18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-15	E-DC-SCA-6	8082	11097-69-1	Aroclor-1254	200000	ug/Kg		18000	MRL	500	Total	83504	4/16/2013 12:25	4/22/2013 9:02	4/25/2013 12:05	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	9045C	N/A	pH	7.61	SU	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 12:35	1/1/0001 12:00 AM	4/24/2013 15:51	pH
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11104-28-2	Aroclor-1221	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	9045C	N/A	pH	8.09	SU		0.1	MRL	1	Total	82819	4/16/2013 12:35	1/1/0001 12:00 AM	4/20/2013 10:31	pH
240-23291-1	240-23291-16	E-DC-SCA-7	9012A	57-12-5	Cyanide, Total	0.13	mg/Kg	J B	0.58	MRL	1	Total	82716	4/16/2013 12:35	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23291-1	240-23291-16	E-DC-SCA-7	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 12:35	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-16	E-DC-SCA-7	9071B	N/A	HEM	220	mg/Kg	U	220	MRL	1	Total	83342	4/16/2013 12:35	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-16	E-DC-SCA-7	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	83052	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-16	E-DC-SCA-7	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 12:35	1/1/0001 12:00 AM	4/20/2013 8:17	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-16	E-DC-SCA-7	8082	12674-11-2	Aroclor-1016	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	Moisture	N/A	Percent Moisture	9.9	%		0.1	MRL	1	Total	83052	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-16	E-DC-SCA-7	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/16/2013 12:35	4/24/2013 14:55	4/24/2013 15:09	COD
240-23291-1	240-23291-16	E-DC-SCA-7	1664A	N/A	HEM	4.7	mg/L	U	4.7	MRL	1	ASTM Leach	83310	4/16/2013 12:35	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11097-69-1	Aroclor-1254	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11100-14-4	Aroclor-1268	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	2540G	N/A	Total Solids	88	%		0.02	MRL	1	Total	114040	4/16/2013 12:35	1/1/0001 12:00 AM	4/19/2013 21:49	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-16	E-DC-SCA-7	160.4	N/A	Total Volatile Solids	24000	mg/Kg		4000	MRL	1	ASTM Leach	114328	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 14:20	Solids, Total Volatile (TVS)
240-23291-1	240-23291-16	E-DC-SCA-7	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 12:35	1/1/0001 12:00 AM	4/22/2013 9:43	Paint Filter
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11141-16-5	Aroclor-1232	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	53469-21-9	Aroclor-1242	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	11096-82-5	Aroclor-1260	21000	ug/Kg		1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-16	E-DC-SCA-7	8082	12672-29-6	Aroclor-1248	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23291-1	240-23291-16	E-DC-SCA-7	9034_Calc	18496-25-8	Sulfide	33	mg/Kg	U	33	MRL	1	Total	83220	4/16/2013 12:35	4/23/2013 10:12	4/23/2013 13:38	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-16	E-DC-SCA-7	8082	37324-23-5	Aroclor-1262	1800	ug/Kg	U	1800	MRL	50	Total	83504	4/16/2013 12:35	4/22/2013 9:02	4/25/2013 12:21	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	2540G	N/A	Total Solids	89	%		0.02	MRL	1	Total	114040	4/16/2013 13:55	1/1/0001 12:00 AM	4/19/2013 21:51	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-02-0	Nickel	0.0055	mg/L	J B	0.04	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7439-92-1	Lead	0.006	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	8082	37324-23-5	Aroclor-1262	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11096-82-5	Aroclor-1260	47	ug/Kg		37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	83052	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-17	E-DC-SCA-3	8082	12672-29-6	Aroclor-1248	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 9:48	Paint Filter
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	9012A	57-12-5	Cyanide, Total	0.58	mg/Kg	U	0.58	MRL	1	Total	82716	4/16/2013 13:55	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23291-1	240-23291-17	E-DC-SCA-3	9071B	N/A	HEM	110	mg/Kg	J	220	MRL	1	Total	83342	4/16/2013 13:55	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-17	E-DC-SCA-3	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/16/2013 13:55	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-66-6	Zinc	0.019	mg/L	J B	1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	160.4	N/A	Total Volatile Solids	16000	mg/Kg		4000	MRL	1	ASTM Leach	114328	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:21	Solids, Total Volatile (TVS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	U	34	MRL	1	Total	83220	4/16/2013 13:55	4/23/2013 10:12	4/23/2013 13:40	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11141-16-5	Aroclor-1232	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	53469-21-9	Aroclor-1242	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11104-28-2	Aroclor-1221	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11097-69-1	Aroclor-1254	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	83052	4/16/2013 13:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-17	E-DC-SCA-3	8082	11100-14-4	Aroclor-1268	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/16/2013 13:55	4/22/2013 11:39	4/23/2013 16:32	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-17	E-DC-SCA-3	8082	12674-11-2	Aroclor-1016	37	ug/Kg	U	37	MRL	1	Total	83266	4/16/2013 13:55	4/22/2013 9:02	4/24/2013 7:08	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-17	E-DC-SCA-3	9045C	N/A	pH	7.97	SU		0.1	MRL	1	Total	82819	4/16/2013 13:55	1/1/0001 12:00 AM	4/20/2013 11:03	pH
240-23291-1	240-23291-17	E-DC-SCA-3	9045C	N/A	pH	7.48	SU	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 13:55	1/1/0001 12:00 AM	4/24/2013 15:54	pH
240-23291-1	240-23291-17	E-DC-SCA-3	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/16/2013 13:55	4/22/2013 12:08	4/23/2013 11:30	Organochlorine Pesticides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/16/2013 13:55	4/22/2013 12:11	4/25/2013 16:23	Herbicides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-43-9	Cadmium	0.0023	mg/L	J	0.1	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 13:55	1/1/0001 12:00 AM	4/20/2013 8:45	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-17	E-DC-SCA-3	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/16/2013 13:55	4/22/2013 15:35	4/23/2013 10:04	Mercury (CVAA)
240-23291-1	240-23291-17	E-DC-SCA-3	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/16/2013 13:55	4/24/2013 14:55	4/24/2013 15:09	COD
240-23291-1	240-23291-17	E-DC-SCA-3	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/16/2013 13:55	1/1/0001 12:00 AM	4/25/2013 9:28	Ammonia
240-23291-1	240-23291-17	E-DC-SCA-3	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/16/2013 13:55	4/22/2013 12:11	4/25/2013 16:23	Herbicides (GC)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-39-3	Barium	0.32	mg/L	J B	10	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-17	E-DC-SCA-3	6010B	7440-38-2	Arsenic	0.005	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 13:55	4/22/2013 12:29	4/23/2013 11:38	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	110-86-1	Pyridine	0.001	mg/L	J	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8082	12674-11-2	Aroclor-1016	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11141-16-5	Aroclor-1232	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11104-28-2	Aroclor-1221	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	160.4	N/A	Total Volatile Solids	17000	mg/Kg		4000	MRL	1	ASTM Leach	114328	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:25	Solids, Total Volatile (TVS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	9034_Calc	18496-25-8	Sulfide	34	mg/Kg	U	34	MRL	1	Total	83220	4/16/2013 14:50	4/23/2013 10:12	4/23/2013 13:42	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	2540G	N/A	Total Solids	91	%		0.02	MRL	1	Total	114040	4/16/2013 14:50	1/1/0001 12:00 AM	4/19/2013 21:53	Total, Fixed, and Volatile Solids
240-23291-1	240-23291-18	E-DC-SCA-2	Moisture	N/A	Percent Moisture	11	%		0.1	MRL	1	Total	83052	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-18	E-DC-SCA-2	8082	12672-29-6	Aroclor-1248	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11097-69-1	Aroclor-1254	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11096-82-5	Aroclor-1260	650	ug/Kg		36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	9045C	N/A	pH	8.23	SU		0.1	MRL	1	Total	82819	4/16/2013 14:50	1/1/0001 12:00 AM	4/20/2013 10:52	pH
240-23291-1	240-23291-18	E-DC-SCA-2	9045C	N/A	pH	8.1	SU	H	0.1	MRL	1	ASTM Leach	83412	4/16/2013 14:50	1/1/0001 12:00 AM	4/24/2013 15:58	pH
240-23291-1	240-23291-18	E-DC-SCA-2	8082	53469-21-9	Aroclor-1242	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	11100-14-4	Aroclor-1268	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	8082	37324-23-5	Aroclor-1262	36	ug/Kg	U	36	MRL	1	Total	83266	4/16/2013 14:50	4/22/2013 9:02	4/24/2013 7:54	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-18	E-DC-SCA-2	9012A	57-12-5	Cyanide, Total	0.54	mg/Kg	U	0.54	MRL	1	Total	82716	4/16/2013 14:50	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23291-1	240-23291-18	E-DC-SCA-2	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/16/2013 14:50	4/24/2013 14:55	4/24/2013 15:10	COD
240-23291-1	240-23291-18	E-DC-SCA-2	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/16/2013 14:50	4/22/2013 12:11	4/25/2013 16:47	Herbicides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-43-9	Cadmium	0.0032	mg/L	J	0.1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-39-3	Barium	0.34	mg/L	J B	10	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/16/2013 14:50	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7439-92-1	Lead	0.026	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	9071B	N/A	HEM	220	mg/Kg	U	220	MRL	1	Total	83342	4/16/2013 14:50	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23291-1	240-23291-18	E-DC-SCA-2	4500_NH3_F_ISE	7664-41-7	Ammonia	0.044	mg/L	J	0.2	MRL	1	ASTM Leach	83592	4/16/2013 14:50	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23291-1	240-23291-18	E-DC-SCA-2	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/16/2013 14:50	4/22/2013 12:11	4/25/2013 16:47	Herbicides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-47-3	Chromium	0.0037	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/16/2013 14:50	4/22/2013 15:35	4/23/2013 10:08	Mercury (CVAA)
240-23291-1	240-23291-18	E-DC-SCA-2	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/16/2013 14:50	1/1/0001 12:00 AM	4/20/2013 9:12	Ignitability, Pensky-Martens Closed-Cup Method
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-38-2	Arsenic	0.0067	mg/L	J	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83646	4/16/2013 14:50	4/25/2013 9:21	4/26/2013 10:08	Semivolatile Organic Compounds (GC/MS)
240-23291-1	240-23291-18	E-DC-SCA-2	Moisture	N/A	Percent Solids	89	%		0.1	MRL	1	Total	83052	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-66-6	Zinc	0.13	mg/L	J B	1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-02-0	Nickel	0.014	mg/L	J B	0.04	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/16/2013 14:50	1/1/0001 12:00 AM	4/22/2013 9:53	Paint Filter
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/16/2013 14:50	4/22/2013 12:29	4/23/2013 11:42	Metals (ICP)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-18	E-DC-SCA-2	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/16/2013 14:50	4/22/2013 12:08	4/23/2013 12:27	Organochlorine Pesticides (GC)
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	12672-29-6	Aroclor-1248	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11097-69-1	Aroclor-1254	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	53469-21-9	Aroclor-1242	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11104-28-2	Aroclor-1221	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11096-82-5	Aroclor-1260	11000	ug/Kg		1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	11141-16-5	Aroclor-1232	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-2	E-SB-DUP10-0.5-2	8082A	12674-11-2	Aroclor-1016	1900	ug/Kg	U	1900	MRL	50	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:44	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	53469-21-9	Aroclor-1242	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11096-82-5	Aroclor-1260	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	12672-29-6	Aroclor-1248	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11141-16-5	Aroclor-1232	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11104-28-2	Aroclor-1221	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	83052	4/16/2013 0:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	11097-69-1	Aroclor-1254	76000	ug/Kg		7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-3	E-SB-DUP11-0-0.5	8082A	12674-11-2	Aroclor-1016	7500	ug/Kg	U	7500	MRL	200	Total	83265	4/16/2013 0:00	4/22/2013 9:02	4/24/2013 2:59	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11104-28-2	Aroclor-1221	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	83052	4/16/2013 9:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	12672-29-6	Aroclor-1248	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11141-16-5	Aroclor-1232	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11097-69-1	Aroclor-1254	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	83052	4/16/2013 9:55	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	11096-82-5	Aroclor-1260	3300	ug/Kg		390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	12674-11-2	Aroclor-1016	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-4	E-SS-1016-0-0.5	8082A	53469-21-9	Aroclor-1242	390	ug/Kg	U	390	MRL	10	Total	83265	4/16/2013 9:55	4/22/2013 9:02	4/24/2013 3:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	12674-11-2	Aroclor-1016	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11141-16-5	Aroclor-1232	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	Moisture	N/A	Percent Solids	88	%		0.1	MRL	1	Total	83052	4/16/2013 10:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11097-69-1	Aroclor-1254	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	Moisture	N/A	Percent Moisture	12	%		0.1	MRL	1	Total	83052	4/16/2013 10:00	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11104-28-2	Aroclor-1221	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	11096-82-5	Aroclor-1260	9000	ug/Kg		740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	12672-29-6	Aroclor-1248	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-5	E-SB-1016-0.5-2	8082A	53469-21-9	Aroclor-1242	740	ug/Kg	U	740	MRL	20	Total	83265	4/16/2013 10:00	4/22/2013 9:02	4/24/2013 3:30	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	12672-29-6	Aroclor-1248	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	12674-11-2	Aroclor-1016	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	Moisture	N/A	Percent Solids	86	%		0.1	MRL	1	Total	83052	4/16/2013 10:05	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11104-28-2	Aroclor-1221	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	Moisture	N/A	Percent Moisture	14	%		0.1	MRL	1	Total	83052	4/16/2013 10:05	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11097-69-1	Aroclor-1254	120000	ug/Kg		7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11141-16-5	Aroclor-1232	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	11096-82-5	Aroclor-1260	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-6	E-SB-1016-2-3	8082A	53469-21-9	Aroclor-1242	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:05	4/22/2013 9:02	4/24/2013 3:46	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	12672-29-6	Aroclor-1248	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	53469-21-9	Aroclor-1242	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	83052	4/16/2013 10:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11097-69-1	Aroclor-1254	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11141-16-5	Aroclor-1232	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11096-82-5	Aroclor-1260	14000	ug/Kg		2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	12674-11-2	Aroclor-1016	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-7	E-SS-1017-0-0.5	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	83052	4/16/2013 10:15	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-7	E-SS-1017-0-0.5	8082A	11104-28-2	Aroclor-1221	2000	ug/Kg	U	2000	MRL	50	Total	83265	4/16/2013 10:15	4/22/2013 9:02	4/24/2013 4:02	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11104-28-2	Aroclor-1221	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11141-16-5	Aroclor-1232	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11097-69-1	Aroclor-1254	85000	ug/Kg		7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	12672-29-6	Aroclor-1248	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	12674-11-2	Aroclor-1016	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	Moisture	N/A	Percent Moisture	17	%		0.1	MRL	1	Total	83052	4/16/2013 10:20	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	53469-21-9	Aroclor-1242	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-8	E-SB-1017-0.5-2	Moisture	N/A	Percent Solids	83	%		0.1	MRL	1	Total	83052	4/16/2013 10:20	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-8	E-SB-1017-0.5-2	8082A	11096-82-5	Aroclor-1260	7800	ug/Kg	U	7800	MRL	200	Total	83265	4/16/2013 10:20	4/22/2013 9:02	4/24/2013 4:17	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11097-69-1	Aroclor-1254	6400	ug/Kg		360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	12672-29-6	Aroclor-1248	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11141-16-5	Aroclor-1232	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	53469-21-9	Aroclor-1242	150	ug/Kg	J	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	12674-11-2	Aroclor-1016	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	Moisture	N/A	Percent Moisture	8.7	%		0.1	MRL	1	Total	83052	4/16/2013 10:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11096-82-5	Aroclor-1260	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	8082A	11104-28-2	Aroclor-1221	360	ug/Kg	U	360	MRL	10	Total	83265	4/16/2013 10:25	4/22/2013 9:02	4/24/2013 4:33	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23291-1	240-23291-9	E-SB-1017-2-3	Moisture	N/A	Percent Solids	91	%		0.1	MRL	1	Total	83052	4/16/2013 10:25	1/1/0001 12:00 AM	4/22/2013 14:13	Percent Moisture
240-23344-1	240-23344-1	TB-041713	8260B	108-90-7	Chlorobenzene	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	79-01-6	Trichloroethylene	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	75-35-4	1,1-Dichloroethylene	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	107-06-2	1,2-Dichloroethane	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	67-66-3	Chloroform	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	78-93-3	Methyl ethyl ketone (MEK)	10	ug/L	U	10	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	75-01-4	Vinyl chloride	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	127-18-4	Tetrachloroethylene	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	106-46-7	1,4-Dichlorobenzene	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	71-43-2	Benzene	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-1	TB-041713	8260B	56-23-5	Carbon tetrachloride	1	ug/L	U	1	MRL	1	Total	83144	4/17/2013 0:00	1/1/0001 12:00 AM	4/23/2013 19:23	Volatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7439-92-1	Lead	0.016	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 14:00	1/1/0001 12:00 AM	4/22/2013 10:20	Paint Filter
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	1664A	N/A	HEM	4.7	mg/L	U	4.7	MRL	1	ASTM Leach	83310	4/17/2013 14:00	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-10	G-DC-SCA-1	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 14:00	4/22/2013 12:11	4/25/2013 19:09	Herbicides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	9012A	57-12-5	Cyanide, Total	0.13	mg/Kg	J B	0.56	MRL	1	Total	82716	4/17/2013 14:00	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-43-9	Cadmium	0.00078	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-39-3	Barium	0.28	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 14:00	4/22/2013 12:11	4/25/2013 19:09	Herbicides (GC)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-10	G-DC-SCA-1	9071B	N/A	HEM	230	mg/Kg	U	230	MRL	1	Total	83342	4/17/2013 14:00	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-10	G-DC-SCA-1	410.4	N/A	Chemical Oxygen Demand	28	mg/L		20	MRL	1	ASTM Leach	83411	4/17/2013 14:00	4/24/2013 14:55	4/24/2013 15:15	COD
240-23344-1	240-23344-10	G-DC-SCA-1	4500_NH3_F_ISE	7664-41-7	Ammonia	0.68	mg/L		0.2	MRL	1	ASTM Leach	83592	4/17/2013 14:00	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 14:00	4/22/2013 12:08	4/23/2013 14:51	Organochlorine Pesticides (GC)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-66-6	Zinc	0.056	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-02-0	Nickel	0.014	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	9045C	N/A	pH	6.89	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 14:00	1/1/0001 12:00 AM	4/24/2013 16:25	pH
240-23344-1	240-23344-10	G-DC-SCA-1	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82727	4/17/2013 14:00	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11096-82-5	Aroclor-1260	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11141-16-5	Aroclor-1232	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	12674-11-2	Aroclor-1016	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	9045C	N/A	pH	7.19	SU		0.1	MRL	1	Total	82819	4/17/2013 14:00	1/1/0001 12:00 AM	4/20/2013 11:25	pH
240-23344-1	240-23344-10	G-DC-SCA-1	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82727	4/17/2013 14:00	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11104-28-2	Aroclor-1221	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	37324-23-5	Aroclor-1262	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	53469-21-9	Aroclor-1242	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11100-14-4	Aroclor-1268	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	11097-69-1	Aroclor-1254	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8082	12672-29-6	Aroclor-1248	39	ug/Kg	U	39	MRL	1	Total	83277	4/17/2013 14:00	4/22/2013 9:08	4/24/2013 14:31	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 14:00	4/22/2013 15:35	4/23/2013 10:16	Mercury (CVAA)
240-23344-1	240-23344-10	G-DC-SCA-1	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 14:00	1/1/0001 12:00 AM	4/23/2013 8:00	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	15831-10-4	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	6010B	7440-38-2	Arsenic	0.0045	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 14:00	4/22/2013 12:29	4/23/2013 12:10	Metals (ICP)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	160.4	N/A	Total Volatile Solids	21000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 14:00	1/1/0001 12:00 AM	4/23/2013 23:00	Solids, Total Volatile (TVS)
240-23344-1	240-23344-10	G-DC-SCA-1	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 14:00	4/22/2013 11:39	4/23/2013 18:31	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-10	G-DC-SCA-1	2540G	N/A	Total Solids	88	%		0.02	MRL	1	Total	114314	4/17/2013 14:00	1/1/0001 12:00 AM	4/22/2013 13:54	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-10	G-DC-SCA-1	9034_Calc	18496-25-8	Sulfide	35	mg/Kg	U	35	MRL	1	Total	83220	4/17/2013 14:00	4/23/2013 10:12	4/23/2013 13:56	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 8:35	1/1/0001 12:00 AM	4/20/2013 9:40	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-2	E-DC-SCA-1	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 8:35	4/22/2013 15:35	4/23/2013 10:10	Mercury (CVAA)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 8:35	4/22/2013 12:11	4/25/2013 17:34	Herbicides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/17/2013 8:35	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-2	E-DC-SCA-1	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/17/2013 8:35	4/24/2013 14:55	4/24/2013 15:12	COD
240-23344-1	240-23344-2	E-DC-SCA-1	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/17/2013 8:35	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-39-3	Barium	0.17	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-43-9	Cadmium	0.1	mg/L	U	0.1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 8:35	4/22/2013 12:11	4/25/2013 17:34	Herbicides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-38-2	Arsenic	0.0042	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 8:35	1/1/0001 12:00 AM	4/22/2013 9:57	Paint Filter
240-23344-1	240-23344-2	E-DC-SCA-1	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82727	4/17/2013 8:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-2	E-DC-SCA-1	9045C	N/A	pH	10.1	SU		0.1	MRL	1	Total	82819	4/17/2013 8:35	1/1/0001 12:00 AM	4/20/2013 11:09	pH
240-23344-1	240-23344-2	E-DC-SCA-1	8082	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11096-82-5	Aroclor-1260	38	ug/Kg		38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82727	4/17/2013 8:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	9045C	N/A	pH	8.6	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 8:35	1/1/0001 12:00 AM	4/24/2013 16:01	pH
240-23344-1	240-23344-2	E-DC-SCA-1	9034_Calc	18496-25-8	Sulfide	35	mg/Kg	U	35	MRL	1	Total	83220	4/17/2013 8:35	4/23/2013 10:12	4/23/2013 13:48	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-2	E-DC-SCA-1	2540G	N/A	Total Solids	87	%		0.02	MRL	1	Total	114314	4/17/2013 8:35	1/1/0001 12:00 AM	4/22/2013 13:45	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-2	E-DC-SCA-1	160.4	N/A	Total Volatile Solids	9500	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 8:35	1/1/0001 12:00 AM	4/23/2013 22:43	Solids, Total Volatile (TVS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11100-14-4	Aroclor-1268	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 8:35	4/22/2013 11:39	4/23/2013 16:56	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-2	E-DC-SCA-1	9071B	N/A	HEM	110	mg/Kg	J	220	MRL	1	Total	83342	4/17/2013 8:35	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	9012A	57-12-5	Cyanide, Total	0.59	mg/Kg	U	0.59	MRL	1	Total	82716	4/17/2013 8:35	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 8:35	4/22/2013 12:08	4/23/2013 12:56	Organochlorine Pesticides (GC)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-02-0	Nickel	0.0058	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7439-92-1	Lead	0.0095	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7440-66-6	Zinc	0.017	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	6010B	7782-49-2	Selenium	0.0041	mg/L	J	0.25	MRL	1	TCLP	83125	4/17/2013 8:35	4/22/2013 12:29	4/23/2013 11:46	Metals (ICP)
240-23344-1	240-23344-2	E-DC-SCA-1	8082	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	37324-23-5	Aroclor-1262	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-2	E-DC-SCA-1	8082	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 8:35	4/22/2013 9:02	4/24/2013 8:10	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-50-8	Copper	0.022	mg/L	J	1	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-66-6	Zinc	0.079	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 9:30	1/1/0001 12:00 AM	4/22/2013 10:06	Paint Filter
240-23344-1	240-23344-3	I-DC-SCA-1	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 9:30	4/22/2013 12:11	4/25/2013 17:58	Herbicides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 9:30	4/22/2013 12:11	4/25/2013 17:58	Herbicides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	9012A	57-12-5	Cyanide, Total	0.58	mg/Kg	U	0.58	MRL	1	Total	82716	4/17/2013 9:30	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-3	I-DC-SCA-1	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/17/2013 9:30	4/24/2013 14:55	4/24/2013 15:13	COD
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	1664A	N/A	HEM	0.86	mg/L	J B	4.8	MRL	1	ASTM Leach	83310	4/17/2013 9:30	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-3	I-DC-SCA-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 9:30	4/22/2013 12:08	4/23/2013 13:24	Organochlorine Pesticides (GC)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-02-0	Nickel	0.052	mg/L	B	0.04	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	4500_NH3_F_ISE	7664-41-7	Ammonia	0.038	mg/L	J	0.2	MRL	1	ASTM Leach	83592	4/17/2013 9:30	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-3	I-DC-SCA-1	8082	12674-11-2	Aroclor-1016	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11141-16-5	Aroclor-1232	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11104-28-2	Aroclor-1221	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	2540G	N/A	Total Solids	87	%		0.02	MRL	1	Total	114314	4/17/2013 9:30	1/1/0001 12:00 AM	4/22/2013 13:48	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-3	I-DC-SCA-1	9034_Calc	18496-25-8	Sulfide	35	mg/Kg	U	35	MRL	1	Total	83220	4/17/2013 9:30	4/23/2013 10:12	4/23/2013 13:50	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82727	4/17/2013 9:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11100-14-4	Aroclor-1268	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11097-69-1	Aroclor-1254	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	12672-29-6	Aroclor-1248	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	9045C	N/A	pH	10.4	SU		0.1	MRL	1	Total	82819	4/17/2013 9:30	1/1/0001 12:00 AM	4/20/2013 10:36	pH
240-23344-1	240-23344-3	I-DC-SCA-1	9045C	N/A	pH	11.2	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 9:30	1/1/0001 12:00 AM	4/24/2013 16:08	pH
240-23344-1	240-23344-3	I-DC-SCA-1	8082	37324-23-5	Aroclor-1262	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	8082	53469-21-9	Aroclor-1242	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-3	I-DC-SCA-1	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 9:30	4/22/2013 15:35	4/23/2013 10:12	Mercury (CVAA)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7439-92-1	Lead	0.031	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-39-3	Barium	0.42	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-38-2	Arsenic	0.0033	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 9:30	1/1/0001 12:00 AM	4/20/2013 10:07	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-3	I-DC-SCA-1	9071B	N/A	HEM	300	mg/Kg		210	MRL	1	Total	83342	4/17/2013 9:30	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-47-3	Chromium	0.0047	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)
240-23344-1	240-23344-3	I-DC-SCA-1	6010B	7440-43-9	Cadmium	0.0029	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 9:30	4/22/2013 12:29	4/23/2013 11:50	Metals (ICP)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-3	I-DC-SCA-1	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82727	4/17/2013 9:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	160.4	N/A	Total Volatile Solids	23000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 9:30	1/1/0001 12:00 AM	4/23/2013 22:47	Solids, Total Volatile (TVS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 9:30	4/22/2013 11:39	4/23/2013 17:20	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-3	I-DC-SCA-1	8082	11096-82-5	Aroclor-1260	38	ug/Kg	U	38	MRL	1	Total	83266	4/17/2013 9:30	4/22/2013 9:02	4/24/2013 8:25	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	534-52-1	4,6-Dinitro-2-methylphenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	15831-10-4	3 & 4 Methylphenol	500	ug/Kg	U	500	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	59-50-7	4-Chloro-3-methylphenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	106-47-8	4-Chloroaniline	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	78-59-1	Isophorone	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	12	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-94-1	3,3'-Dichlorobenzidine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	99-09-2	3-Nitroaniline	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	101-55-3	4-Bromophenyl phenyl ether	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	88-74-4	2-Nitroaniline	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	95-57-8	2-Chlorophenol	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-57-6	2-Methylnaphthalene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	95-48-7	2-Methylphenol	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-58-7	2-Chloronaphthalene	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	88-75-5	2-Nitrophenol	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	51-28-5	2,4-Dinitrophenol	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	121-14-2	2,4-Dinitrotoluene	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	Moisture	N/A	Percent Moisture	20	%		0.1	MRL	1	Total	82727	4/17/2013 10:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	92-52-4	1,1'-Biphenyl	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	88-06-2	2,4,6-Trichlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	Moisture	N/A	Percent Solids	80	%		0.1	MRL	1	Total	82727	4/17/2013 10:30	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	117-84-0	Di-n-octyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	53-70-3	Dibenz(a,h)anthracene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	7005-72-3	4-Chlorophenyl phenyl ether	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	84-74-2	Di-n-butyl phthalate	32	ug/Kg	J B	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	105-67-9	2,4-Dimethylphenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	91-20-3	Naphthalene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	86-30-6	N-Nitrosodiphenylamine	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	67-72-1	Hexachloroethane	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	621-64-7	N-Nitrosodi-n-propylamine	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	95-95-4	2,4,5-Trichlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	120-83-2	2,4-Dichlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	62-75-9	N-Nitrosodimethylamine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	6020A	7440-38-2	Arsenic	2.1	mg/Kg		1.2	MRL	2	Total	83278	4/17/2013 10:30	4/22/2013 10:41	4/23/2013 20:12	Metals (ICP/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	206-44-0	Fluoranthene	31	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	120-12-7	Anthracene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	84-66-2	Diethyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	131-11-3	Dimethyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	98-86-2	Acetophenone	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	100-01-6	4-Nitroaniline	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	1912-24-9	Atrazine	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	100-52-7	Benzaldehyde	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	86-73-7	Fluorene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	105-60-2	Caprolactam	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	86-74-8	Carbazole	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	218-01-9	Chrysene	22	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	85-68-7	Butyl benzyl phthalate	87	ug/Kg	U	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	87-68-3	Hexachlorobutadiene	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	77-47-4	Hexachlorocyclopentadiene	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	132-64-9	Dibenzofuran	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	118-74-1	Hexachlorobenzene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	606-20-2	2,6-Dinitrotoluene	250	ug/Kg	U	250	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	100-02-7	4-Nitrophenol	410	ug/Kg	U	410	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	191-24-2	Benzo[g,h,i]perylene	17	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	129-00-0	Pyrene	31	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	87-86-5	Pentachlorophenol	190	ug/Kg	U	190	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	85-01-8	Phenanthrene	12	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	108-95-2	Phenol	62	ug/Kg	U	62	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	98-95-3	Nitrobenzene	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	205-99-2	Benzo[b]fluoranthene	30	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	56-55-3	Benzo[a]anthracene	22	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	111-91-1	Bis(2-chloroethoxy)methane	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	83-32-9	Acenaphthene	8.3	ug/Kg	U	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	208-96-8	Acenaphthylene	4.5	ug/Kg	J	8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	207-08-9	Benzo[k]fluoranthene	11	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	50-32-8	Benzo[a]pyrene	21	ug/Kg		8.3	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	111-44-4	Bis(2-chloroethyl)ether	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-4	G-SB-1019-3-4	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	26	ug/Kg	J	87	MRL	1	Total	83591	4/17/2013 10:30	4/23/2013 10:03	4/26/2013 0:06	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	50-32-8	Benzo[a]pyrene	40	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	56-55-3	Benzo[a]anthracene	34	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	120	ug/Kg		81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	205-99-2	Benzo[b]fluoranthene	44	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	111-91-1	Bis(2-chloroethoxy)methane	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	207-08-9	Benzo[k]fluoranthene	23	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	191-24-2	Benzo[g,h,i]perylene	34	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	111-44-4	Bis(2-chloroethyl)ether	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	84-74-2	Di-n-butyl phthalate	31	ug/Kg	J B	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	86-74-8	Carbazole	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	105-60-2	Caprolactam	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	53-70-3	Dibenz(a,h)anthracene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	117-84-0	Di-n-octyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	85-68-7	Butyl benzyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	218-01-9	Chrysene	42	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	206-44-0	Fluoranthene	51	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	87-68-3	Hexachlorobutadiene	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	84-66-2	Diethyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	132-64-9	Dibenzofuran	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	100-52-7	Benzaldehyde	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-58-7	2-Chloronaphthalene	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	118-74-1	Hexachlorobenzene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	86-73-7	Fluorene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	131-11-3	Dimethyl phthalate	81	ug/Kg	U	81	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	67-72-1	Hexachloroethane	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	621-64-7	N-Nitrosodi-n-propylamine	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	78-59-1	Isophorone	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	23	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	62-75-9	N-Nitrosodimethylamine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	77-47-4	Hexachlorocyclopentadiene	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-20-3	Naphthalene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	86-30-6	N-Nitrosodiphenylamine	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	121-14-2	2,4-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	85-01-8	Phenanthrene	18	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	95-95-4	2,4,5-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	88-06-2	2,4,6-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	92-52-4	1,1'-Biphenyl	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	120-83-2	2,4-Dichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	7005-72-3	4-Chlorophenyl phenyl ether	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	208-96-8	Acenaphthylene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	83-32-9	Acenaphthene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	100-01-6	4-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	6020A	7440-38-2	Arsenic	4.6	mg/Kg		1.1	MRL	2	Total	83278	4/17/2013 10:35	4/22/2013 10:41	4/23/2013 20:50	Metals (ICP/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	88-74-4	2-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	95-48-7	2-Methylphenol	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	51-28-5	2,4-Dinitrophenol	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	95-57-8	2-Chlorophenol	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	Moisture	N/A	Percent Moisture	15	%		0.1	MRL	1	Total	82727	4/17/2013 10:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-5	G-SB-1020-3-4	Moisture	N/A	Percent Solids	85	%		0.1	MRL	1	Total	82727	4/17/2013 10:35	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-57-6	2-Methylnaphthalene	7.7	ug/Kg	U	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	105-67-9	2,4-Dimethylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	129-00-0	Pyrene	53	ug/Kg		7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	606-20-2	2,6-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	101-55-3	4-Bromophenyl phenyl ether	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	534-52-1	4,6-Dinitro-2-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	98-95-3	Nitrobenzene	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	87-86-5	Pentachlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	100-02-7	4-Nitrophenol	380	ug/Kg	U	380	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	108-95-2	Phenol	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	59-50-7	4-Chloro-3-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	98-86-2	Acetophenone	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	106-47-8	4-Chloroaniline	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	1912-24-9	Atrazine	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	120-12-7	Anthracene	4.6	ug/Kg	J	7.7	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	88-75-5	2-Nitrophenol	58	ug/Kg	U	58	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	99-09-2	3-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	91-94-1	3,3'-Dichlorobenzidine	120	ug/Kg	U	120	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-5	G-SB-1020-3-4	8270D	15831-10-4	3 & 4 Methylphenol	460	ug/Kg	U	460	MRL	1	Total	83591	4/17/2013 10:35	4/23/2013 10:03	4/26/2013 0:32	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	191-24-2	Benzo[g,h,i]perylene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	205-99-2	Benzo[b]fluoranthene	5.3	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	78-59-1	Isophorone	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	207-08-9	Benzo[k]fluoranthene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	111-91-1	Bis(2-chloroethoxy)methane	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	50-32-8	Benzo[a]pyrene	4.5	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	210	ug/Kg		79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	111-44-4	Bis(2-chloroethyl)ether	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	86-30-6	N-Nitrosodiphenylamine	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	62-75-9	N-Nitrosodimethylamine	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	67-72-1	Hexachloroethane	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	621-64-7	N-Nitrosodi-n-propylamine	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-20-3	Naphthalene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	118-74-1	Hexachlorobenzene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	86-73-7	Fluorene	8.2	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	84-66-2	Diethyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	87-68-3	Hexachlorobutadiene	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	86-74-8	Carbazole	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	105-60-2	Caprolactam	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	132-64-9	Dibenzofuran	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	218-01-9	Chrysene	6.8	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	131-11-3	Dimethyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	208-96-8	Acenaphthylene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	56-55-3	Benzo[a]anthracene	6.8	ug/Kg	J	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	120-12-7	Anthracene	10	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	98-86-2	Acetophenone	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	85-68-7	Butyl benzyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	206-44-0	Fluoranthene	19	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	100-52-7	Benzaldehyde	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	1912-24-9	Atrazine	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	87-86-5	Pentachlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	85-01-8	Phenanthrene	30	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	98-95-3	Nitrobenzene	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	6020A	7440-38-2	Arsenic	4	mg/Kg		0.95	MRL	2	Total	83278	4/17/2013 10:40	4/22/2013 10:41	4/23/2013 20:57	Metals (ICP/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	77-47-4	Hexachlorocyclopentadiene	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	95-95-4	2,4,5-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	Moisture	N/A	Percent Solids	90	%		0.1	MRL	1	Total	82727	4/17/2013 10:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-6	G-SB-1021-1-2	Moisture	N/A	Percent Moisture	10	%		0.1	MRL	1	Total	82727	4/17/2013 10:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-57-6	2-Methylnaphthalene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	88-06-2	2,4,6-Trichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	92-52-4	1,1'-Biphenyl	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	121-14-2	2,4-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	84-74-2	Di-n-butyl phthalate	32	ug/Kg	J B	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	51-28-5	2,4-Dinitrophenol	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	53-70-3	Dibenz(a,h)anthracene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	117-84-0	Di-n-octyl phthalate	79	ug/Kg	U	79	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	95-57-8	2-Chlorophenol	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-58-7	2-Chloronaphthalene	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	105-67-9	2,4-Dimethylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	120-83-2	2,4-Dichlorophenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	91-94-1	3,3'-Dichlorobenzidine	110	ug/Kg	U	110	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	15831-10-4	3 & 4 Methylphenol	450	ug/Kg	U	450	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	95-48-7	2-Methylphenol	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	99-09-2	3-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	100-02-7	4-Nitrophenol	370	ug/Kg	U	370	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	108-95-2	Phenol	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	129-00-0	Pyrene	12	ug/Kg		7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	606-20-2	2,6-Dinitrotoluene	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	88-74-4	2-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	101-55-3	4-Bromophenyl phenyl ether	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	83-32-9	Acenaphthene	7.5	ug/Kg	U	7.5	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	106-47-8	4-Chloroaniline	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	59-50-7	4-Chloro-3-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	534-52-1	4,6-Dinitro-2-methylphenol	170	ug/Kg	U	170	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	88-75-5	2-Nitrophenol	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	100-01-6	4-Nitroaniline	230	ug/Kg	U	230	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-6	G-SB-1021-1-2	8270D	7005-72-3	4-Chlorophenyl phenyl ether	56	ug/Kg	U	56	MRL	1	Total	83591	4/17/2013 10:40	4/23/2013 10:03	4/25/2013 23:39	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	106-47-8	4-Chloroaniline	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	100-01-6	4-Nitroaniline	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	7005-72-3	4-Chlorophenyl phenyl ether	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	88-75-5	2-Nitrophenol	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	120-12-7	Anthracene	150	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	100-52-7	Benzaldehyde	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	98-86-2	Acetophenone	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	208-96-8	Acenaphthylene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	86-74-8	Carbazole	71	ug/Kg	J	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	84-74-2	Di-n-butyl phthalate	53	ug/Kg	J B	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	1912-24-9	Atrazine	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	218-01-9	Chrysene	940	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	191-24-2	Benzo[g,h,i]perylene	400	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	62-75-9	N-Nitrosodimethylamine	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	95-57-8	2-Chlorophenol	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	78-59-1	Isophorone	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	86-30-6	N-Nitrosodiphenylamine	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	205-99-2	Benzo[b]fluoranthene	940	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	207-08-9	Benzo[k]fluoranthene	400	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	50-32-8	Benzo[a]pyrene	660	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	56-55-3	Benzo[a]anthracene	950	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	59-50-7	4-Chloro-3-methylphenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	101-55-3	4-Bromophenyl phenyl ether	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-94-1	3,3'-Dichlorobenzidine	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	534-52-1	4,6-Dinitro-2-methylphenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	88-74-4	2-Nitroaniline	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	15831-10-4	3 & 4 Methylphenol	920	ug/Kg	U	920	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	95-48-7	2-Methylphenol	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-57-6	2-Methylnaphthalene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	99-09-2	3-Nitroaniline	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	111-44-4	Bis(2-chloroethyl)ether	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	111-91-1	Bis(2-chloroethoxy)methane	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	53-70-3	Dibenz(a,h)anthracene	100	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	117-84-0	Di-n-octyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	85-68-7	Butyl benzyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	83-32-9	Acenaphthene	66	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	117-81-7	Bis(2-ethylhexyl) phthalate	170	ug/Kg		160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	105-60-2	Caprolactam	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	92-52-4	1,1'-Biphenyl	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	51-28-5	2,4-Dinitrophenol	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	606-20-2	2,6-Dinitrotoluene	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	100-02-7	4-Nitrophenol	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	121-14-2	2,4-Dinitrotoluene	460	ug/Kg	U	460	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	95-95-4	2,4,5-Trichlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	132-64-9	Dibenzofuran	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-58-7	2-Chloronaphthalene	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	129-00-0	Pyrene	1900	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	Moisture	N/A	Percent Moisture	13	%		0.1	MRL	1	Total	82727	4/17/2013 10:45	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	108-95-2	Phenol	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	6020A	7440-38-2	Arsenic	3.5	mg/Kg		1.1	MRL	2	Total	83278	4/17/2013 10:45	4/22/2013 10:41	4/23/2013 21:05	Metals (ICP/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	Moisture	N/A	Percent Solids	87	%		0.1	MRL	1	Total	82727	4/17/2013 10:45	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	193-39-5	Indeno[1,2,3-cd]pyrene	350	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	98-95-3	Nitrobenzene	230	ug/Kg	U	230	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	86-73-7	Fluorene	42	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	206-44-0	Fluoranthene	2000	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	87-86-5	Pentachlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	621-64-7	N-Nitrosodi-n-propylamine	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	91-20-3	Naphthalene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	85-01-8	Phenanthrene	780	ug/Kg		15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	84-66-2	Diethyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	120-83-2	2,4-Dichlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	87-68-3	Hexachlorobutadiene	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	88-06-2	2,4,6-Trichlorophenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	105-67-9	2,4-Dimethylphenol	350	ug/Kg	U	350	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	77-47-4	Hexachlorocyclopentadiene	760	ug/Kg	U	760	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	131-11-3	Dimethyl phthalate	160	ug/Kg	U	160	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	118-74-1	Hexachlorobenzene	15	ug/Kg	U	15	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-7	G-SB-1022-3-4	8270D	67-72-1	Hexachloroethane	120	ug/Kg	U	120	MRL	2	Total	83591	4/17/2013 10:45	4/23/2013 10:03	4/26/2013 0:58	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	Moisture	N/A	Percent Moisture	16	%		0.1	MRL	1	Total	82727	4/17/2013 12:10	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11141-16-5	Aroclor-1232	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	9045C	N/A	pH	10.9	SU		0.1	MRL	1	Total	82819	4/17/2013 12:10	1/1/0001 12:00 AM	4/20/2013 11:46	pH
240-23344-1	240-23344-8	G-DC-SCA-3	9045C	N/A	pH	7.59	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 12:10	1/1/0001 12:00 AM	4/24/2013 16:11	pH
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11104-28-2	Aroclor-1221	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	12674-11-2	Aroclor-1016	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	53469-21-9	Aroclor-1242	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11096-82-5	Aroclor-1260	97	ug/Kg		39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11097-69-1	Aroclor-1254	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	11100-14-4	Aroclor-1268	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	37324-23-5	Aroclor-1262	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8082	12672-29-6	Aroclor-1248	39	ug/Kg	U	39	MRL	1	Total	83266	4/17/2013 12:10	4/22/2013 9:02	4/24/2013 8:41	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-02-0	Nickel	0.013	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-50-8	Copper	0.017	mg/L	J	1	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-66-6	Zinc	0.56	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7439-92-1	Lead	0.11	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	Moisture	N/A	Percent Solids	84	%		0.1	MRL	1	Total	82727	4/17/2013 12:10	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-38-2	Arsenic	0.0044	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-47-3	Chromium	0.0075	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-43-9	Cadmium	0.0086	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 12:10	4/22/2013 15:35	4/23/2013 10:13	Mercury (CVAA)
240-23344-1	240-23344-8	G-DC-SCA-3	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 12:10	1/1/0001 12:00 AM	4/20/2013 10:35	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	9034_Calc	18496-25-8	Sulfide	36	mg/Kg	U	36	MRL	1	Total	83220	4/17/2013 12:10	4/23/2013 10:12	4/23/2013 13:52	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-8	G-DC-SCA-3	160.4	N/A	Total Volatile Solids	23000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 12:10	1/1/0001 12:00 AM	4/23/2013 22:51	Solids, Total Volatile (TVS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	2540G	N/A	Total Solids	87	%		0.02	MRL	1	Total	114314	4/17/2013 12:10	1/1/0001 12:00 AM	4/22/2013 13:50	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:10	4/22/2013 11:39	4/23/2013 17:43	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-8	G-DC-SCA-3	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 12:10	1/1/0001 12:00 AM	4/22/2013 10:11	Paint Filter
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:10	4/22/2013 12:08	4/23/2013 13:54	Organochlorine Pesticides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	9012A	57-12-5	Cyanide, Total	0.61	mg/Kg	U	0.61	MRL	1	Total	82716	4/17/2013 12:10	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-8	G-DC-SCA-3	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/17/2013 12:10	4/24/2013 14:55	4/24/2013 15:13	COD
240-23344-1	240-23344-8	G-DC-SCA-3	6010B	7440-39-3	Barium	0.3	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 12:10	4/22/2013 12:29	4/23/2013 12:02	Metals (ICP)
240-23344-1	240-23344-8	G-DC-SCA-3	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 12:10	4/22/2013 12:11	4/25/2013 18:22	Herbicides (GC)
240-23344-1	240-23344-8	G-DC-SCA-3	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/17/2013 12:10	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-8	G-DC-SCA-3	9071B	N/A	HEM	5000	mg/Kg		230	MRL	1	Total	83342	4/17/2013 12:10	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-8	G-DC-SCA-3	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/17/2013 12:10	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-8	G-DC-SCA-3	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 12:10	4/22/2013 12:11	4/25/2013 18:22	Herbicides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	72-43-5	Methoxychlor	0.001	mg/L	U	0.001	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	72-20-8	Endrin	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	9095A	N/A	Free Liquid	NEG	NONE		0.1	MRL	1	Total	82976	4/17/2013 12:40	1/1/0001 12:00 AM	4/22/2013 10:16	Paint Filter
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	8001-35-2	Toxaphene	0.02	mg/L	U	0.02	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7782-49-2	Selenium	0.25	mg/L	U	0.25	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	57-74-9	Chlordane (technical)	0.005	mg/L	U	0.005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-50-8	Copper	1	mg/L	U	1	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-22-4	Silver	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	76-44-8	Heptachlor	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8151A	94-75-7	2,4-D	0.002	mg/L	U	0.002	MRL	1	TCLP	83533	4/17/2013 12:40	4/22/2013 12:11	4/25/2013 18:45	Herbicides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	1664A	N/A	HEM	4.8	mg/L	U	4.8	MRL	1	ASTM Leach	83310	4/17/2013 12:40	4/24/2013 8:37	4/24/2013 9:44	HEM and SGT-HEM
240-23344-1	240-23344-9	G-DC-SCA-2	410.4	N/A	Chemical Oxygen Demand	20	mg/L	U	20	MRL	1	ASTM Leach	83411	4/17/2013 12:40	4/24/2013 14:55	4/24/2013 15:14	COD
240-23344-1	240-23344-9	G-DC-SCA-2	4500_NH3_F_ISE	7664-41-7	Ammonia	0.2	mg/L	U	0.2	MRL	1	ASTM Leach	83592	4/17/2013 12:40	1/1/0001 12:00 AM	4/25/2013 11:06	Ammonia
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	58-89-9	gamma-BHC (Lindane)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	8081A	1024-57-3	Heptachlor epoxide	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83109	4/17/2013 12:40	4/22/2013 12:08	4/23/2013 14:22	Organochlorine Pesticides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	9071B	N/A	HEM	820	mg/Kg		240	MRL	1	Total	83342	4/17/2013 12:40	4/23/2013 14:49	4/24/2013 10:46	HEM and SGT-HEM
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7439-92-1	Lead	0.0066	mg/L	J	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-66-6	Zinc	0.029	mg/L	J B	1	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-02-0	Nickel	0.0036	mg/L	J B	0.04	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	9012A	57-12-5	Cyanide, Total	0.14	mg/Kg	J B	0.62	MRL	1	Total	82716	4/17/2013 12:40	4/19/2013 8:26	4/19/2013 10:05	Cyanide, Total and/or Amenable
240-23344-1	240-23344-9	G-DC-SCA-2	8082	12674-11-2	Aroclor-1016	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	9045C	N/A	pH	7.49	SU		0.1	MRL	1	Total	82819	4/17/2013 12:40	1/1/0001 12:00 AM	4/20/2013 10:58	pH
240-23344-1	240-23344-9	G-DC-SCA-2	Moisture	N/A	Percent Solids	83	%		0.1	MRL	1	Total	82727	4/17/2013 12:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11104-28-2	Aroclor-1221	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	87-86-5	Pentachlorophenol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	98-95-3	Nitrobenzene	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	95-95-4	2,4,5-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	110-86-1	Pyridine	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	Moisture	N/A	Percent Moisture	17	%		0.1	MRL	1	Total	82727	4/17/2013 12:40	1/1/0001 12:00 AM	4/19/2013 12:50	Percent Moisture
240-23344-1	240-23344-9	G-DC-SCA-2	8082	53469-21-9	Aroclor-1242	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11100-14-4	Aroclor-1268	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11097-69-1	Aroclor-1254	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	12672-29-6	Aroclor-1248	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11141-16-5	Aroclor-1232	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	9045C	N/A	pH	7.58	SU		0.1	MRL	1	ASTM Leach	83412	4/17/2013 12:40	1/1/0001 12:00 AM	4/24/2013 16:15	pH
240-23344-1	240-23344-9	G-DC-SCA-2	8082	37324-23-5	Aroclor-1262	40	ug/Kg	U	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	8082	11096-82-5	Aroclor-1260	28	ug/Kg	J	40	MRL	1	Total	83277	4/17/2013 12:40	4/22/2013 9:08	4/24/2013 14:15	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
240-23344-1	240-23344-9	G-DC-SCA-2	7470A	7439-97-6	Mercury	0.002	mg/L	U	0.002	MRL	1	TCLP	83234	4/17/2013 12:40	4/22/2013 15:35	4/23/2013 10:15	Mercury (CVAA)
240-23344-1	240-23344-9	G-DC-SCA-2	1010	N/A	Flashpoint	>180	Degrees F		1	MRL	1	Total	82848	4/17/2013 12:40	1/1/0001 12:00 AM	4/20/2013 11:02	Ignitability, Pensky-Martens Closed-Cup Method
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	87-68-3	Hexachlorobutadiene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-38-2	Arsenic	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-39-3	Barium	0.17	mg/L	J B	10	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8151A	93-72-1	Silvex (2,4,5-TP)	0.0005	mg/L	U	0.0005	MRL	1	TCLP	83533	4/17/2013 12:40	4/22/2013 12:11	4/25/2013 18:45	Herbicides (GC)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-47-3	Chromium	0.5	mg/L	U	0.5	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	6010B	7440-43-9	Cadmium	0.00076	mg/L	J	0.1	MRL	1	TCLP	83125	4/17/2013 12:40	4/22/2013 12:29	4/23/2013 12:06	Metals (ICP)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	67-72-1	Hexachloroethane	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	160.4	N/A	Total Volatile Solids	20000	mg/Kg		4000	MRL	1	ASTM Leach	114632	4/17/2013 12:40	1/1/0001 12:00 AM	4/23/2013 22:56	Solids, Total Volatile (TVS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	95-48-7	Cresol, o-	0.004	mg/L	U	0.004	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	2540G	N/A	Total Solids	86	%		0.02	MRL	1	Total	114314	4/17/2013 12:40	1/1/0001 12:00 AM	4/22/2013 13:52	Total, Fixed, and Volatile Solids
240-23344-1	240-23344-9	G-DC-SCA-2	9034_Calc	18496-25-8	Sulfide	37	mg/Kg	U	37	MRL	1	Total	83220	4/17/2013 12:40	4/23/2013 10:12	4/23/2013 13:54	Sulfide, Acid soluble and Insoluble (Titrimetric)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	88-06-2	2,4,6-Trichlorophenol	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	15831-10-4	m & p - Cresol	0.04	mg/L	U	0.04	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	118-74-1	Hexachlorobenzene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23344-1	240-23344-9	G-DC-SCA-2	8270C	121-14-2	2,4-Dinitrotoluene	0.02	mg/L	U	0.02	MRL	1	TCLP	83123	4/17/2013 12:40	4/22/2013 11:39	4/23/2013 18:07	Semivolatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-1	E-DC-SCA-1	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:30	1/1/0001 12:00 AM	4/25/2013 20:05	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-10	G-DC-SCA-3	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:50	1/1/0001 12:00 AM	4/25/2013 23:59	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-2	E-DC-SCA-2	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:35	1/1/0001 12:00 AM	4/25/2013 20:30	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-3	E-DC-SCA-3	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:40	1/1/0001 12:00 AM	4/25/2013 20:56	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-4	E-DC-SCA-4	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:45	1/1/0001 12:00 AM	4/25/2013 21:22	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-5	E-DC-SCA-5	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:50	1/1/0001 12:00 AM	4/25/2013 21:48	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)

Job	Sample	Sample Name	Specific Method	CAS Number	Analyte	Result	Units	Qualifier	Limit	Reports To	Dilution	Result Basis	Batch	Sampled	Prepared	Analyzed	Analysis
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-6	E-DC-SCA-6	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 9:55	1/1/0001 12:00 AM	4/25/2013 22:15	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-7	E-DC-SCA-7	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:00	1/1/0001 12:00 AM	4/25/2013 22:41	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-8	G-DC-SCA-1	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:40	1/1/0001 12:00 AM	4/25/2013 23:07	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	56-23-5	Carbon tetrachloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	108-90-7	Chlorobenzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	71-43-2	Benzene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	75-35-4	1,1-Dichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	107-06-2	1,2-Dichloroethane	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	79-01-6	Trichloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	67-66-3	Chloroform	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	127-18-4	Tetrachloroethylene	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	78-93-3	Methyl ethyl ketone (MEK)	0.25	mg/L	U	0.25	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	75-01-4	Vinyl chloride	0.025	mg/L	U	0.025	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)
240-23522-1	240-23522-9	G-DC-SCA-2	8260B	106-46-7	1,4-Dichlorobenzene	0.75	mg/L	U	0.75	MRL	1	TCLP	83631	4/22/2013 10:45	1/1/0001 12:00 AM	4/25/2013 23:33	Volatile Organic Compounds (GC/MS)

APPENDIX C—EROSION AND SEDIMENT CONTROL DRAWINGS AND APPROVALS

BALTIMORE COUNTY DEPARTMENT
OF ENVIRONMENTAL PROTECTION
AND SUSTAINABILITY
105 W. Chesapeake Ave
Suite 400
Towson, MD 21204

Fax

To: PAUL MEYERS From: 410-887-4817

Fax: 301 528-3007 Date: 10/10/12

Re: LOCKHEED MARTIN Pages: 1

☐ Urgent ☑ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

BALTIMORE COUNTY
MARYLAND

JAMES T. SMITH, JR.
County Executive

JONAS A. JACOBSON, *Director*
Department of Environmental Protection and Resource Management

Storm Water Engineering

410-887-3768
FAX 410-887-4804

June 17, 2010

Mr. Eric C. Hadaway
Dafi, McCune, Walker
200 East Pennsylvania Avenue
Towson, MD 21286

RE: LOCKHEED MARTIN MIDDLE RIVER FACILITY
Soil Remediation Action
Stormwater Management Variance
Middle River Watershed
Project I.D. S990246
DEPRM Tracking Number: 07-10-1152

Dear Mr. Hadaway:

This office has reviewed the information submitted and finds that a stormwater management variance can be granted for this project under Section 33-4-113 (a) (2) of Title 4 of the Baltimore County Code. Section 33-4-113 (a) (2) allows a stormwater management variance to be granted if there are exceptional circumstances such that strict adherence to the provision of this section would result in unreasonable hardship or practical difficulty and not fulfill the intent of this title. This project has a limit of disturbance of 45 acres. The project is part of the Voluntary Cleanup Program and is for the removal and disposal of contaminated soil. After the contaminated soil is removed, the original cover conditions will be reestablished. There will be no increase in impervious area as a result of this project, therefore the rate and volume of runoff from this property will not change.

Should you have any further questions, please contact Ed Schmaus at 410 887-3768.

Very truly yours,

Thomas L. Vidmar, PE Deputy Director
Department of Environmental Protection
& Resource Management

TLV:jcm

variance approval letter private

EMS Ed

RECEIVED
MAY 20 2013
D980291
Stormwater Engineering
new

BALTIMORE COUNTY, MARYLAND
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY
ENVIRONMENTAL AGREEMENT

All grading and stormwater management permit application numbers should be included on this Environmental Agreement (EA). If there is no SWM permit number at the time of execution, you are required to amend this EA upon permit application. The applicant must obtain building permit(s) for construction of the SWM facility(ies) within six (6) months of the execution of this EA. Failure to obtain said permit(s) or amend the EA will be determined to be a violation and shall be subject to stop work order and/or other penalties specified in Section 32-4-305 of the Baltimore County Code.

ENVIRONMENTAL AGREEMENT for:

Project Name: Middle River Groundwater Remediation
Plat Reference: 51 Folio 43 (Apr 24, 1984 by EHK Jr)
Tax Acct. No. 04-15-1900014060 Map 90 Grid 18 Parcel 964
Total Estimated Cost: $6,919.50 _____
(All Environmental Securities)

Grading Permit # B 815478
Stormwater Management Permit # _____
EIR Plan #'s

THIS ENVIRONMENTAL AGREEMENT, NUMBER 2013-00070, made this _____ day of 201 by and between _____, hereinafter referred to as the applicant, party of the first part, and BALTIMORE COUNTY, MARYLAND, a political subdivision of the State of Maryland, hereinafter referred to as the County, party of the second part.

WHEREAS, the applicant agrees to implement all environmental measures as set forth in this agreement, at no cost to the County, including:

	AMOUNT	APP./DATE
a. Grading, erosion and sediment control Required performance security amount	$6,919.50	OK. EMS 5/29/13
b. Storm water management Required performance security amount (List facilities separately)	N/A	OK. EMS 5/29/13
c. Forest conservation Required performance security amount	N/A	OK RLE 5/20/13
d. Forest buffer mitigation Required performance security amount	N/A	OK RLE 5/20/13
e. Wetland mitigation Required performance security amount	N/A	OK RLE 5/20/13
f. Chesapeake Bay Critical Area mitigation Required performance security amount	N/A	OK RLE 5/20/13
g. Other (Specify)---------- Required performance security amount	N/A	OK RLE 5/20/13

Now, THEREFORE, THIS AGREEMENT WITNESSETH:
THAT, for and in consideration of the provisions and benefits herein contained, the parties do hereby agree as follows:

1. The applicant agrees:

   a. To implement all required environmental measures for this project in accordance with applicable permits, plans and performance requirements.

   b. To post security(ies) with the County as required in Baltimore County Code Section 32-4-312, in accordance with applicable time frames and procedures specified in the Baltimore County Code and the Department of Environmental Protection and Sustainability Policy, Rules and Regulations Manual.

   c. To process any request(s) for reduction to security(ies) in accordance with Baltimore County Code Section 32-4-313 and the Department of Environmental Protection and Sustainability Policy, Rules and Regulations Manual.

WITNESS the signatures of:

Date APRIL 29, 2013 Signed _____ (Seal)
THOMAS D. BLACKMAN

Witness _____ Address LOCKHEED MARTIN CORPORATION
Kimberly V BOWLER 6801 Rockledge Drive IMP:CCT:246
BETHESDA, MD 20817

APPROVED

By _____
Director of Environmental Protection and Sustainability

DATE 5/29/13

rev. 4/03/02; rev. 9/22/04; rev 1/19/11

**06/05/13 BRLMD212PRST1ST CLR

Department of Environmental Protection and Sustainability
111 West Chesapeake Avenue, Room 319
Towson, Maryland 21204

PRESORTED FIRST CLASS

Hasler

016H26512962
$00.360
06/04/2013
Mailed From 21204
US POSTAGE

Return Service Requested

ATTN THOMAS D BLACKMAN
LOCKHEED MARTIN CORP
6801 ROCKLEDGE DR
BETHESDA MD 20817

ELH-SSB 20817

MARYLAND
DEPARTMENT OF
NATURAL RESOURCES

Martin O'Malley, Governor
Anthony G. Brown, Lt. Governor
John R. Griffin, Secretary
Joseph P. Gill, Deputy Secretary

August 15, 2012

Paul Myers
Tetra Tech
20251 Century Blvd., Suite 200
Germantown, MD 20874-7114

RE: Environmental Review for Lockhead Martin Middle River Complex, Eastern Ave. at jct. with Martin Blvd. and Dark Head Creek, groundwater response action, Baltimore County, MD.

Dear Mr. Myers:

The Wildlife and Heritage Service has determined that there are no State or Federal records for rare, threatened or endangered species within the boundaries of the project site as delineated. As a result, we have no specific comments or requirements pertaining to protection measures at this time. This statement should not be interpreted however as meaning that rare, threatened or endangered species are not in fact present. If appropriate habitat is available, certain species could be present without documentation because adequate surveys have not been conducted.

Thank you for allowing us the opportunity to review this project. If you should have any further questions regarding this information, please contact me at (410) 260-8573.

Sincerely,

Lori A. Byrne

Lori A. Byrne,
Environmental Review Coordinator
Wildlife and Heritage Service
MD Dept. of Natural Resources

ER# 2012.1058.ba

MDE
MARYLAND DEPARTMENT OF THE ENVIRONMENT
1800 Washington Boulevard • Baltimore MD 21230
410-537-3000 • 1-800-633-6101 • www.mde.state.md.us

Martin O'Malley
Governor

Anthony G. Brown
Lieutenant Governor

Robert M. Summers, Ph.D.
Secretary

June 7, 2013

Tom Blackman
Lockheed Martin Corporation
2323 Eastern Boulevard
Middle River, MD 21220

RE: 13BA0016

Dear Mr. Blackman:

Please find enclosed the general NPDES discharge permit for stormwater associated with construction activities for **Middle River Complex Groundwater Remediation and Block G Swale Relocation** issued to **Lockheed Martin Corporation.** Please note that the effective date of the discharge permit is the **date on the cover sheet for the general permit.** If the current erosion and sediment control plan approval covers only part of the entire site covered by this permit, be advised that this permit does not authorize discharges from the other portions of the site until the appropriate erosion and sediment control approval authority approves the erosion and sediment control plan for those portions. The permit also requires that the site have an approved stormwater management plan (unless exempt or waived by the stormwater approval authority) prior to earth disturbance. Part IV.C.3 of the permit requires the permittee to use the standard written report form as provided by MDE. The form is available on MDE's website at the following location both as a fillable Microsoft Word form and as an Adobe Acrobat file:

http://www.mde.state.md.us/programs/Permits/WaterManagementPermits/WaterDischargePermitApplications/Pages/Permits/watermanagementpermits/water_applications/gp_construction.aspx

A printed copy of the required inspection form has also been enclosed for your convenience.

Your cooperation in this matter is appreciated. If you have any questions, please call Ms. Karen Smith at (410) 537-3401.

Sincerely,

Thomas C. Boone, Director
Compliance Program
Water Management Administration

TCB:cb
Enclosure

GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY

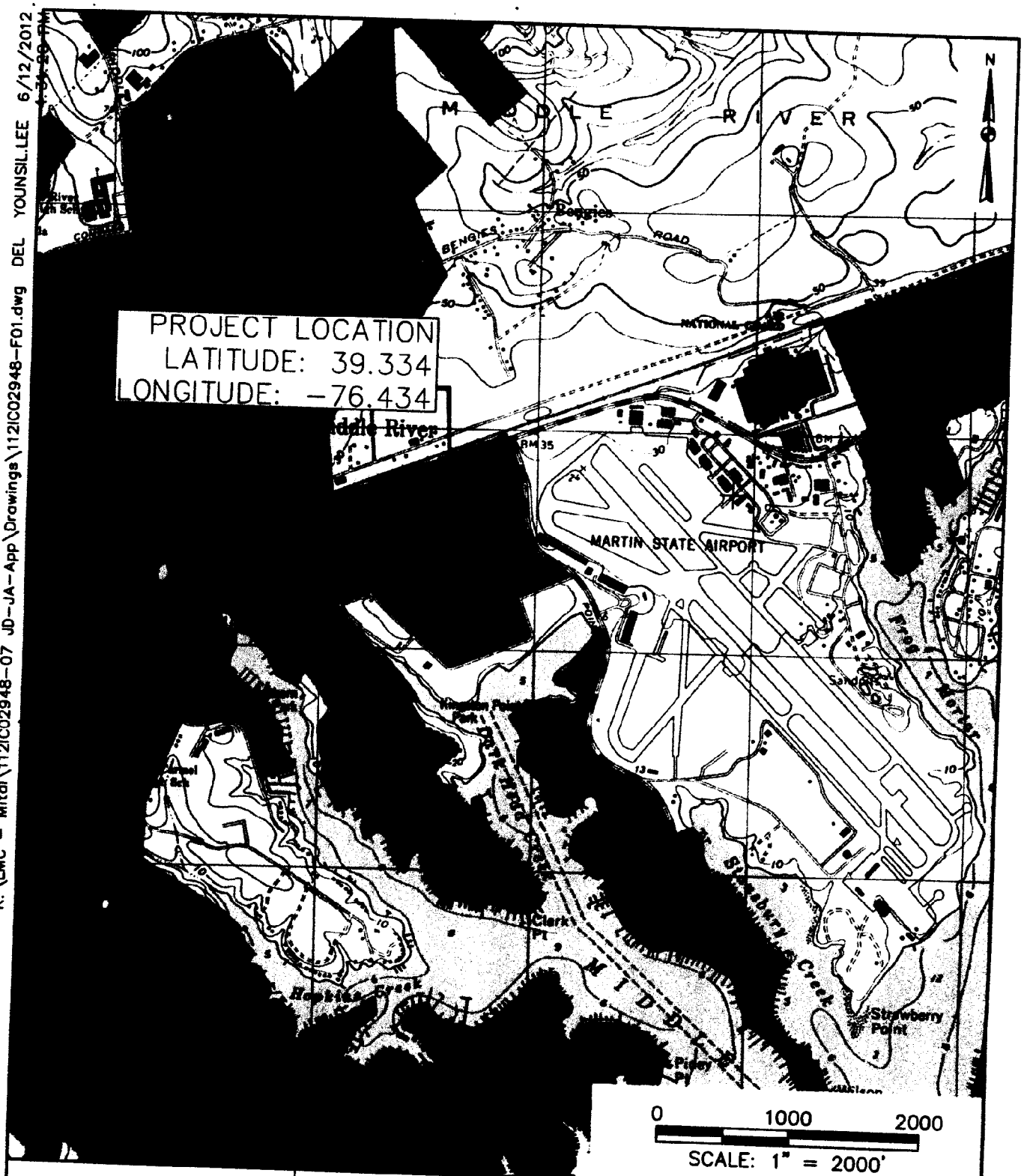
State Discharge Permit Number:	**Effective Date: June 7, 2013**
13BA0016	**Expiration Date: December 31, 2013** NOTE: If site work is complete per Part II.H. prior to the expiration date, the permittee must submit a Notice of Termination and terminate the permit.

Pursuant to the provisions of Title 9 of the Environment Article, Annotated Code of Maryland, and regulations promulgated thereunder, and the provisions of the Clean Water Act, 33 U.S.C., Section 1251 et. seq., and implementing regulations 40 CFR Parts 122, 123, 124 and 125, the Department of the Environment hereby establishes conditions and requirements pertinent to stormwater associated with construction activity at the site described below and authorizes:

Lockheed Martin Corporation
2323 Eastern Boulevard
Middle River, MD 21220
(Baltimore County)

TO DISCHARGE STORMWATER FROM: **Middle River Complex Groundwater Remediation and Block G Swale Relocation ,** construction project on **3.4** acres at property located **at 2323 Eastern Boulevard Middle River, MD 21220.** *If the current erosion and sediment control plan approval covers only part of the entire site covered by this permit, this permit does not authorize discharges from the other portions of the site until the appropriate erosion and sediment control approval authority approves the erosion and sediment control plan for those portions.*

TO: **Dark Head Creek,** which is **Use II: Waters Protected for Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting,** in accordance with the following General Permit and a map incorporated herein and made a part hereof.



K:\LMC - Mital\112IC02948-07 JD-JA-App\Drawings\112IC02948-F01.dwg DEL YOUNSIL.LEE 6/12/2012 1:31:39 PM

TETRA TECH

WWW.TETRATECH.COM

240 CONTINENTAL DR., SUITE 200
NEWARK, DE 19711
T: (302) 738-7551 | F: (302) 454-5988

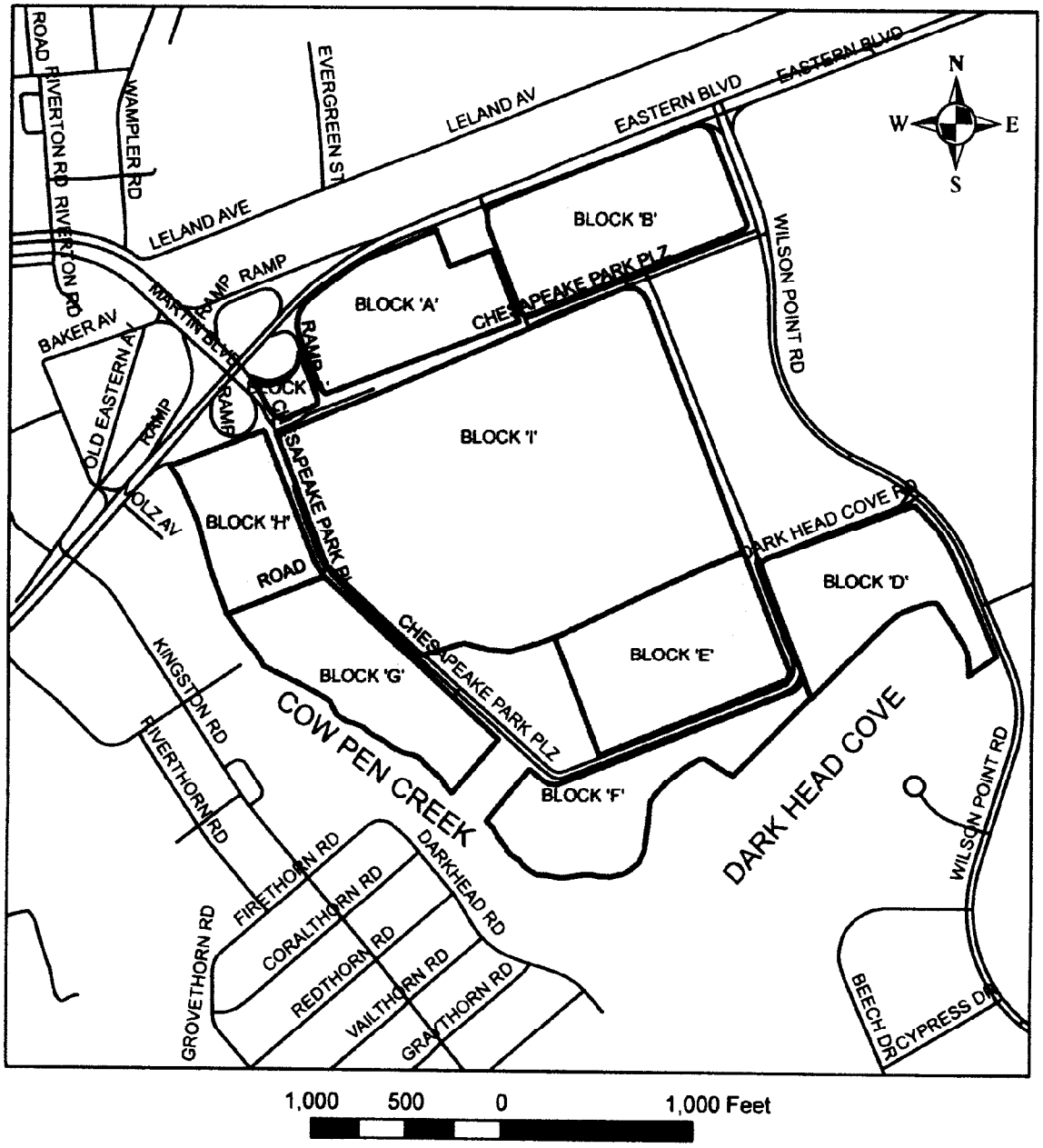
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, BALTIMORE COUNTY
MARYLAND, DARK HEAD CREEK

GROUNDWATER RESPONSE ACTION
PROJECT VICINITY MAP
SCALE: 1" = 2000'

DATE:	6/11/12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	PM
SHEET:	1 OF 4

COPYRIGHT TETRA TECH INC.

FIGURE 1



LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, BALTIMORE COUNTY
MARYLAND, DARK HEAD CREEK
GROUNDWATER RESPONSE ACTION

Legend

Block Boundary

Roads

FIGURE 2
LMC TAX BLOCKS

MDE

MARYLAND DEPARTMENT OF THE ENVIRONMENT
1800 Washington Boulevard • Baltimore MD 21230
410-537-3000 • 1-800-633-6101

Martin O'Malley
Governor

Anthony G. Brown
Lieutenant Governor

Robert M. Summers, Ph.D.
Acting Secretary

November 02, 2012

Tom Blackman
Lockheed Martin Corporation
2323 Estern Boulevard
Middle River, MD 21220

RE: Project Tracking Numbers: 11-NT-0382/201261464 AI: 138775
Project Name: Lockheed Martin Corporation/ Block E, I & G/ Site Remediation
Project County: Baltimore

Dear Mr. Blackman,

The Maryland Department of the Environment (MDE) has reviewed your application for an activity in a stream, floodplain, wetland and/or regulated wetland buffer. Based on a preliminary review of your application, we have determined that the proposed project will impact ephemeral stream. MDE does not regulate the ephemeral stream and so no authorization is required. However, the ACOE may regulate ephemeral stream. A copy of the Joint Federal/State Application package has been forwarded to ACOE.

If you have any questions regarding the waterway/floodplain review, please contact me at (410) 537-3641 or pthapa@mde.state.md.us.

Sincerely;

Phatta Thapa
Regulatory and Compliance Engineer
Waterway Construction Division

Cc: Paul Myers, Terra Tech, Inc.
Abbie Hopkins, ACOE.

PROJECT REVIEW FORM

Request for Comments from the Maryland Historical Trust/ MDSHPO on State and Federal Undertakings

MHT USE ONLY
Date Received: 8/3/12 F COE DLM Log Number: 20120395 3

Submit hard copy of form and all attachments to:
Beth Cole, MHT, 100 Community Place, Crownsville, MD 21032

Print Form

Section A: General Project Information

Project Name: Middle River Complex Groundwater Remediation and Block G Swale Reloca MDE County: Baltimore County

☐ This is a new submittal **OR** This is additional information related Project Log Number: 200904457

Section B: Primary Contact Information

Contact Name: Paul Myers | Company/Agency: Tetra Tech, Inc.

Mailing Address: 20251 Century Boulevard Suite 200

City: Germantown | State: Maryland | Zip: 20874

Email: paul.myers@tetratech.com | Phone Number: +1 (301) 528-5552 | Ext.:

Section C: Description of Undertaking

Location - Attach a map, preferably a section of a USGS quad, showing the location and boundaries of the project

Address: 2323 Eastern Boulevard | City/Vicinity: Middle River

List all federal and state agencies / programs (funding, permits, licenses) involved in this project (e.g. Bond Bill Loan of 2009, Chapter #; Transportation Enhancement Grant; HUD/CDBG; MDE/COE permit; etc.).

Agency Type	Agency/Program/Permit Name	Project/Permit/Tracking Number (if applicable)
Federal	USACE/Section 404/Joint Permit Application	In Process
State	MDE/Wetlands and Waterways/Joint Permit A	In Process
State	MDE/Section 402/General Permit for Consruc	In Process

Proposed Work - Attach project description, scope of work, site plans / drawings

This project includes (check all applicable): ☒ **New Construction** ☐ **Demolition** ☐ **Remodeling/Rehabilitation**

This project involves: ☐ **State or Federal Rehabilitation Tax Credits**

☐ **Properties subject to an easement held by MHT, MET, or another entity**

Middle River

Section D: Identification of Historic Properties

This project involves: ☐ **Properties designated as historic by a local government, listed in the National Register, or included in Maryland Inventory of Historic Properties**

Property/District Name:

The subject property ☐ **has** ☐ **has not** been the subject of previous archeological, architectural, or historical investigations.

Please describe:

Attachments ☒ **Map** ☒ **Project Description/Scope of Work** ☒ **Site Plans/Drawings**

☐ **Photographs** - Attach prints or digital photographs showing the project site including images of **all** buildings and structures, preferably keyed to a site plan

☐ **Conditions** - Attach a brief description of past and present conditions of the project area (wooded, mined, developed, agricultural uses, etc) including construction dates of buildings, if known.

MHT Determination MHT Reviewer: Dixie Henry Date: 9/13/12

☐ There are **NO HISTORIC PROPERTIES** in the area of potential effect
☐ The project will have **NO EFFECT** on historic properties
☒ The project will have **NO ADVERSE EFFECT** on historic properties
☐ The project will have **NO ADVERSE EFFECT WITH CONDITIONS**
☐ **MHT REQUESTS ADDITIONAL INFORMATION**
☐ The project will have **ADVERSE EFFECTS** on historic properties

cf: BA-2081, Glenn L. Martin Airport

LOCKHEED MARTIN CORPORATION
EROSION AND SEDIMENT CONTROL PLAN
BLOCKS E, G, & I
GROUNDWATER REMEDIAL DESIGN
MIDDLE RIVER, MARYLAND

DRAWING LIST

GENERAL

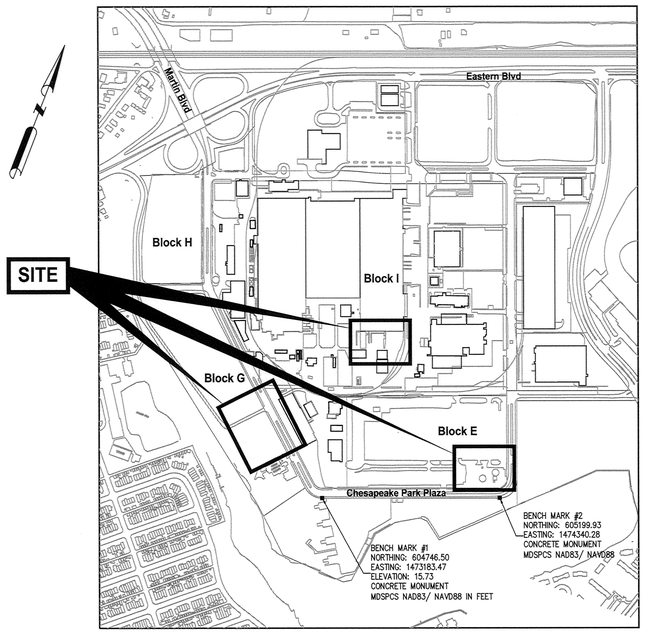
G-1	EROSION & SEDIMENT CONTROL PLAN – COVER SHEET
G-2	EROSION & SEDIMENT CONTROL PLAN – GENERAL NOTES

CIVIL

C-1	EROSION & SEDIMENT CONTROL PLAN – GRADING PLAN, BLOCK E
C-2	EROSION & SEDIMENT CONTROL PLAN – GRADING PLAN, BLOCK G
C-3	EROSION & SEDIMENT CONTROL PLAN – GRADING PLAN, BLOCK I
C-4	EROSION & SEDIMENT CONTROL PLAN – DETAILS I
C-5	EROSION & SEDIMENT CONTROL PLAN – DETAILS II
C-6	EROSION & SEDIMENT CONTROL PLAN – DETAILS III
C-7	EROSION & SEDIMENT CONTROL PLAN – SEEDING SPECIFICATIONS

SITE DATA:

1.	OWNER:	LMC PROPERTIES INC. 100 SOUTH CHARLES STREET BALTIMORE, MD 21201–2725
2.	PROPERTY ADDRESS:	LOCKHEED MARTIN CORPORATION 103 CHESAPEAKE PARK PLAZA MIDDLE RIVER, MARYLAND 21220
3.	SOURCE OF TITLE:	DEED: LIBER 4953 FOLIO 235, PLAT: 51/43
4.	TAX ACCOUNT NUMBER:	04–15–1900014060 MAP 90 GRID 18 PARCEL 964
5.	PARCEL AREA:	CHESAPEAKE PARK PLAZA BLOCK E, 16.026 AC. BLOCK G, 13.461 AC. BLOCK I, 66.484 AC.
6.	ZONING:	MH–IM, MAP NE 1–3, 1–4
7.	TOPOGRAPHY:	CONTOURS, ELEVATIONS AND PLANIMETRIC DATA SHOWN HEREON BASED ON THE DIGITAL VERSION OF THE DRAWING ENTITLED "LMC PROPERTIES, INC., CHESAPEAKE PARK SITE PLAN" PREPARED BY TAI CONSULTING ENGINEERS, DATED 4/15/01.
8.	DATUM:	HORIZONTAL=MARYLAND STATE PLANE 1983, VERTICAL=NAVD 88
9.	BOUNDARY:	BOUNDARY LINE INFORMATION TAKEN FROM RECORDED PLAT E.H.K. JR. 51 FOLIO 43 "1ST AMENDED CHESAPEAKE PARK RE–SUBDIVISION" PREPARED BY MARYLAND SURVEYING AND ENGINEERING CO, INC. 4/24/84. BOUNDARY LINES HAVE BEEN ORIENTED TO THE BALTIMORE COUNTY METROPOLITAN DISTRICT GRID. SHOULD NOT BE CONSIDERED A BOUNDARY SURVEY.
10.	UTILITIES:	TOPOGRAPHIC SURVEY WAS PERFORMED IN JUNE 2011 IN BLOCK G LOCAL AREA AND THE EXISTING UTILITIES INFORMATION ARE SHOWN ACCORDING TO FIELD SURFACE EVIDENCE DURING THE SURVEY. UTILITY CROSS CONNECTION INVESTIGATION WAS PERFORMED FOR BLOCKS E&G&I BY TETRA TECH IN NOVEMBER 2011 AND GAVE ADDITIONAL UTILITY INFORMATION PER THE BEST AVAILABLE PLANS. REFER TO THE INVESTIGATION REPORT FIGURES 4–1 THROUGH FIGURE 4–8. ALL UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED PRIOR TO COMMENCING EXCAVATION OPERATIONS.
11.	WATERSHED	108 MIDDLE RIVER
12.	REFERENCE PLANS:	"SITE PLAN, CHESAPEAKE PARK, LMC PROPERTIES, INC." DATED 10/02/02 PREPARED BY TAI CONSULTING ENGINEERS, AND NOTED THEREON AS BEING OBTAINED FROM FIELD RUN SURVEY CONDUCTED BY DMW, INC. DURING JUNE 1999 FLOATED TO STATE GRID.



LOCKHEED MARTIN MIDDLE RIVER COMPLEX

0 200 500 1000
1"=500'

CONSULTANT'S CERTIFICATION:

I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT AND THE CURRENT STATE OF MARYLAND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

5/21/2013 — DATE

SIGNATURE

MD. LICENSE NO. 25855

Shiva Kumar — PRINTED NAME

OWNER'S / DEVELOPER'S CERTIFICATION:

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I/WE ALSO CERTIFY THAT THE SITE WILL BE INSPECTED AT THE END OF EACH WORKING DAY, AND THAT ANY NEEDED MAINTENANCE WILL BE COMPLETED SO AS TO INSURE THAT ALL SEDIMENT CONTROL PRACTICES ARE LEFT IN OPERATIONAL CONDITION. I/WE AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON–SITE EVALUATIONS BY THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT BOARD OF SUPERVISORS OR THEIR AUTHORIZED AGENTS.

OWNER / DEVELOPER SIGNATURE

5/24/2013 — DATE

THOMAS D. ACKERMAN — PRINTED NAME

PROJECT LEAD — TITLE

Baltimore County Soil Conservation District
APPROVED FOR SEDIMENT CONTROL 5/31/13
Date
DISTRICT OFFICIAL Plan No. 129-37-TEMP-13
Technical Review for the District by:
Dave Buchman
If a grading permit has not been obtained within two years of this approval, this plan shall be re-submitted to the District.

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
DATE
DISTRICT OFFICIAL
PLAN NO.
TECHNICAL REVIEW FOR THE DISTRICT BY:
IF A GRADING PERMIT HAS NOT BEEN OBTAINED WITHIN TWO YEARS OF THIS APPROVAL, THIS PLAN SHALL BE RE–SUBMITTED TO THE DISTRICT.

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STATE OF MARYLAND — SHIVA KUMAR — 25855 — PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
1	02/01/13	REVISION PER BALTIMORE SCD COMMENTS	YL
2	03/28/13	REVISION PER BALTIMORE SCD COMMENTS	YL

EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	12–18–12
PROJECT NO.:	112IC03835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	G-1
	COVER SHEET

GENERAL NOTES:

THIS EROSION AND SEDIMENT CONTROL PLAN (BLOCKS E & G & I) IS PART OF A LARGER REMEDIATION PROJECT OF THE LOCKHEED MARTIN MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND.

THIS SITE SHOULD FOLLOW THE GENERAL GUIDELINES FOR SITE HEALTH AND SAFETY INCLUDING MONITORING AND DISPOSAL OF CONTAMINATED MATERIALS. ALL FILL SHALL BE "CLEAN FILL", WHICH MUST BE TESTED AND CERTIFIED CLEAN IN ACCORDANCE WITH APPROVED SOIL MANAGEMENT PLAN, WHETHER TAKEN FROM AN ON-SITE OR BORROW SOURCE.

1. GRID COORDINATES REFERENCE MARYLAND STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (MDSPCS NAD83). ELEVATION REFERENCE NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88).
2. GROUND SURFACE TOPOGRAPHY OF LOCAL BLOCK G AREA PREPARED BY TETRA TECH, NEWARK, DELAWARE (DATED 06/07 & 08/2011). GROUND SURFACE TOPOGRAPHY BETWEEN COW PEN CREEK AND CHESAPEAKE PARK PLAZA AND DELINEATED WETLANDS LIMITS SURVEYED BY TETRA TECH, NEWARK DELAWARE DURING NOVEMBER AND DECEMBER 2009.
3. REFERENCE DRAWING TITLED "SITE PLAN, CHESAPEAKE PARK, LMC PROPERTIES, INC." PREPARED BY TAI CONSULTING ENGINEERS, OWINGS MILLS, MARYLAND. REFERENCE "UTILITY CROSS-CONNECTION INVESTIGATION" PERFORMED BY TETRA TECH IN NOVEMBER 2011 BASED ON THE BEST AVAILABLE INFORMATION.
4. GROUNDWATER MONITORING WELL LOCATIONS SHOWN OBTAINED FROM TETRA TECH GIS DATABASE.
5. 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD) ELEVATION IS SHOWN ON THIS PLAN AS 9.0-FT NAVD88 BASED ON "FLOOD INSURANCE RATE MAP, BALTIMORE COUNTY, MARYLAND (UNINCORPORATED AREAS)" FLOOD INSURANCE MAP NUMBER 2400100435F [FEMA, SEPTEMBER 26, 2008]. THE 100-YEAR FLOOD ELEVATION IS INDICATED TO BE 8.7-FT BASED ON THE REVISED FEMA FLOOD STUDY [240010V000B] DATED 9/26/2008, AND 8.5-FT BASED ON THE PRELIMINARY FEMA FLOOD STUDY [240010V000C] DATED 9/30/2009.
6. CHESAPEAKE BAY CRITICAL AREA BOUNDARY OBTAINED FROM MARYLAND DEPARTMENT OF NATURAL RESOURCES WEBSITE. AREAS WITHIN THE CHESAPEAKE BAY CRITICAL AREA ARE INTENSELY DEVELOPED AREA (IDA) CATEGORY.
7. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. VERIFICATION OF UTILITY LOCATIONS MUST BE MADE PRIOR TO WORK ON-SITE. NOTIFY MISS UTILITY OF MARYLAND (1-800-257-7777; www.missutility.net) AT LEAST 48 HOURS, BUT NOT MORE THAN 10 WORKING DAYS, PRIOR TO THE DAY EXCAVATION WILL COMMENCE. MISS UTILITY OF MARYLAND IS NOT EXPECTED TO HAVE COMPLETE RECORD OF UTILITIES FOR THE MIDDLE RIVER COMPLEX. IN ADDITION TO NOTIFYING MISS UTILITY OF MARYLAND, VERIFY UTILITY LOCATIONS PRIOR TO BEGINNING ANY WORK USING A MINIMUM OF TWO PASSIVE METHODS (E.G., ELECTROMAGNETIC INDUCTION, GROUND PENETRATING RADAR, MAGNETIC LOCATORS, ACOUSTIC SURVEY, ETC.).
8. INSPECT THE SITE PRIOR TO CONSTRUCTION TO VERIFY EXISTING SITE CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMPACTING CONSTRUCTION.
9. THE LOCATION FOR INGRESS AND EGRESS TO THE SITE SHALL BE IN ACCORDING WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR EACH BLOCK. PROVIDE INGRESS/EGRESS CONTROL INTO THE SITE AS PART OF MOBILIZATION ACTIVITIES.
10. PROVIDE PROTECTION FOR EXISTING TREES TO REMAIN.
11. MAINTAIN WORK AREAS FREE FROM DUST AND ODORS.
12. THE STORM WATER POLLUTION PREVENTION PLAN IS COMPRISED OF THE EROSION CONTROL DRAWINGS, STANDARD DETAILS, AND SPECIFICATIONS.
13. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLANS AND SPECIFICATIONS ALONG WITH KNOWLEDGE OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, DATED MAY 2011".
14. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE STORM WATER POLLUTION PREVENTION PLANS AND "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL".
15. BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR AS DEEMED NECESSARY BY FIELD OBSERVATION.
16. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
17. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE CONTAINED AND PROPERLY TREATED OR DISPOSED OF.
18. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEANUP FUEL OR CHEMICAL SPILLS AND LEAKS.
19. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
20. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
21. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. LEAVE THE SITE IN A CLEAN, SAFE, WELL DRAINING, AND NEAT CONDITION.
22. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 7 DAYS, SHALL BE TEMPORARILY STABILIZED AS SOON AS WEATHER PERMITS.
23. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SOON AS WEATHER PERMITS.
24. IF THE ACTION OF VEHICLES TRAVELING OVER THE CONSTRUCTION ENTRANCE IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
25. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
26. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL NOTE THE ADDITIONAL STOCKPILE AND BORROW AREA LOCATIONS ON THE SITE MAP, IF THEY ARE APPROVED BY THE OWNER'S REPRESENTATIVE.

GENERAL NOTES (CONTINUED):

27. PROVIDE EROSION CONTROLS ON SLOPES AND SWALES TRAVERSING, BORDERING, OR LEAVING THE SITE. LIMIT THE WATER FLOW TO A NON-EROSIVE VELOCITY.
28. CONTRACTOR SHALL PLACE EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 (H:V) AND STEEPER PER MANUFACTURERS REQUIREMENTS.
29. CONTRACTOR SHALL PROVIDE TEMPORARY SECURITY FENCING WHERE THE CONSTRUCTION SITE IS ACCESSIBLE FROM THE ADJACENT LOT. (SEE EROSION AND SEDIMENT CONTROL PLAN FOR BLOCK G)
30. REMOVE ALL TEMPORARY MEASURES AT THE COMPLETION OF CONSTRUCTION, AFTER STABILIZATION HAS BEEN COMPLETED.
31. CONTRACTOR SHALL PROVIDE A ONE YEAR EROSION/STABILIZATION MONITORING PLAN (I.E. MONTHLY SITE WALK AND SITE VISITS AFTER MAJOR RAINFALL EVENTS).

GENERAL GRADING NOTES AND CERTIFICATIONS:

1. THE PROPOSED GRADING SHOWN ON THIS PLAN MEETS THE REQUIREMENTS SET FORTH BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY AND COMPLIES WITH ARTICLE 33, TITLE 5 OF THE BALTIMORE COUNTY CODE. HOWEVER, DUE TO BUILDING TYPES AND LAYOUT, SOME FIELD ADJUSTMENTS MAY BE REQUIRED. ALL CHANGES MUST COMPLY WITH THE ABOVE MENTIONED REQUIREMENTS.
2. ALL SWALES HAVE BEEN DESIGNED BY THE ENGINEER TO CONVEY RUNOFF ACCORDING TO BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN STANDARDS.
3. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN WETLANDS, EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.
4. STORMWATER MANAGEMENT HAS BEEN ADDRESSED/APPROVED BY/THROUGH STORMWATER MANAGEMENT VARIANCE.

BALTIMORE COUNTY SPECIFIC EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES:

1. REFER TO "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
2. WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, MINOR FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENT. CHANGES IN SEDIMENT CONTROL PRACTICES, REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT.
3. AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL PRACTICES WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
4. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A.) THREE CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN THREE HORIZONTAL TO ONE VERTICAL (3:1), AND B.) SEVEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS NOT UNDER ACTIVE GRADING.
5. ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN REQUIRES RE-SUBMISSION TO BALTIMORE COUNTY SOIL CONSERVATION DISTRICT FOR APPROVAL.
6. DUST CONTROL WILL BE PROVIDED FOR ALL DISTURBED AREAS. REFER TO "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", PG. H-22, FOR ACCEPTABLE METHODS AND SPECIFICATIONS FOR DUST CONTROL.
7. ANY VARIATIONS FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.
8. EXCESS CUT OR BORROW MATERIAL SHALL GO TO, OR COME FROM, RESPECTIVELY, A SITE WITH AN OPEN GRADING PERMIT AND APPROVED SEDIMENT CONTROL PLAN.
9. THE FOLLOWING ITEM MAY BE USED AS APPLICABLE: REFER TO MARYLAND'S GUIDELINES TO WATERWAY CONSTRUCTION" BY THE WATER MANAGEMENT ADMINISTRATION OF THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, REVISED NOVEMBER 2000, FOR THE STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN FOR WATERWAY CONSTRUCTION.
10. PUMPING SEDIMENT-LADEN WATER INTO WATERS OF THE STATE IS STRICTLY PROHIBITED. ANY PORTABLE DEWATERING DEVICE MUST BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.

ADDITIONAL STATE OF MARYLAND EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE BALTIMORE COUNTY PERMITS, APPROVALS, & INSPECTION (PAI) AT (410) 887-3266 SEVEN (7) DAYS BEFORE COMMENCING ANY LAND DISTURBANCE ACTIVITY AND SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN PROJECT REPRESENTATIVES AND A REPRESENTATIVE OF PAI.
2. THE CONTRACTOR MUST NOTIFY PAI IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS:
   a. THE REQUIRED PRE-CONSTRUCTION MEETING
   b. FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
   c. DURING THE INSTALLATION OF SEDIMENT BASINS (TO BE CONVERTED INTO PERMANENT STORMWATER MANAGEMENT STRUCTURES) AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLISTS). NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY.
   d. PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).
   e. PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.
   f. PRIOR TO FINAL ACCEPTANCE.
3. THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE AND SHALL HAVE THEM INSPECTED AND APPROVED BY THE AGENCY INSPECTOR OR PAI INSPECTOR PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES.
4. THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIALS DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.
5. THE CONTRACTOR SHALL APPLY SOD OR SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES TO ALL DISTURBED AREAS AND STOCKPILES WITHIN SEVEN (7) CALENDAR DAYS AFTER STRIPPING AND GRADING ACTIVITIES HAVE CEASED IN THE AREA. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. (REQUIREMENT MAY BE REDUCED TO THREE (3) DAYS FOR SENSITIVE AREAS.)
6. PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREAS USING SOD OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHERE THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN DONE TO PROMOTE SHEET FLOW DRAINAGE. AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE, BUT NO LATER THAN SEVEN (7) CALENDAR DAYS AFTER ESTABLISHMENT. WHEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS OF NOVEMBER THROUGH FEBRUARY, AND PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, TEMPORARY SEED AND ANCHORED STRAW MULCH SHALL BE APPLIED TO DISTURBED AREAS. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE APPLIED BY MARCH 15 OR EARLIER IF GROUND AND WEATHER CONDITIONS ALLOW.

ADDITIONAL STATE OF MARYLAND EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES (CONTINUED):

7. THE SITES APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS, AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS OF WMA AND THE AGENCY RESPONSIBLE FOR PROJECT.
8. SURFACE DRAINAGE FLOWS OVER UNSTABILIZED CUT AND FILL SLOPES SHALL BE CONTROLLED BY EITHER PREVENTING DRAINAGE FLOW FROM TRAVERSING THE SLOPES OR BY INSTALLING PROTECTIVE DEVICES TO LOWER THE WATER DOWN SLOPE WITHOUT CAUSING EROSION. DIKES SHALL BE INSTALLED AND MAINTAINED AT THE TOP OF A CUT OR FILL SLOPE UNTIL THE SLOPE AND DRAINAGE AREA TO IT ARE FULLY STABILIZED, AT WHICH TIME THEY MUST BE REMOVED AND FINAL GRADES DONE TO PROMOTE SHEET FLOW DRAINAGE. PROTECTIVE METHODS MUST BE PROVIDED AT POINTS OF CONCENTRATED FLOW WHERE EROSION IS LIKELY TO OCCUR.
9. PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITH SOD OR SEED WITH AN APPROVED EROSION CONTROL MATTING, RIP-RAP, OR BY OTHER APPROVED STABILIZATION MEASURES.
10. TEMPORARY SEDIMENT CONTROL DEVICES MAY BE REMOVED, WITH PERMISSION OF PAI INSPECTOR, WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATIONS WITHIN THIS TIME PERIOD AS WELL.
11. NO PERMANENT CUT OR FILL SLOPE WITH A GRADIENT STEEPER THAN 3:1 WILL BE PERMITTED IN LAWN MAINTENANCE AREAS. A SLOPE GRADIENT OF UP TO 2:1 WILL BE PERMITTED IN NON-MAINTENANCE AREAS PROVIDED THAT THOSE AREAS ARE INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN WITH A LOW-MAINTENANCE GROUND COVER SPECIFIED FOR PERMANENT STABILIZATION. SLOPE GRADIENT STEEPER THAN 2:1 WILL NOT BE PERMITTED WITH VEGETATIVE STABILIZATION.
12. FOR FINISHED GRADING, THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS TO PREVENT WATER FROM PONDING FOR MORE THAN TWENTY FOUR (24) HOURS AFTER THE END OF THE RAINFALL EVENT. DRAINAGE COURSES AND SWALE FLOW AREAS MAY TAKE AS LONG AS FORTY-EIGHT (48) HOURS AFTER THE END OF A RAINFALL EVENT TO DRAIN. AREAS DESIGNATED TO HAVE STANDING WATER SHALL NOT BE REQUIRED TO MEET THIS REQUIREMENT.
13. SEDIMENT TRAPS AND BASINS ARE NOT PERMITTED WITHIN 20 FEET OF A FOUNDATION THAT EXISTS OR IS UNDER CONSTRUCTION. NO STRUCTURE MAY BE CONSTRUCTED WITHIN 20 FEET OF AN ACTIVE SEDIMENT TRAP OR BASIN.
14. THE PAI INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.
15. ALL TRAP DEPTH DIMENSIONS ARE RELATIVE TO OUTLET ELEVATION. ALL TRAPS MUST HAVE A STABLE OUTFALL. ALL TRAPS AND BASINS SHALL HAVE STABLE INFLOW POINTS.
16. VEGETATIVE STABILIZATION SHALL BE PREFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING, AND GROUND COVERS.
17. SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OR BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE TRAP OR BASIN BOTTOM TO THE CREST OF THE OUTFALL.
18. SEDIMENT REMOVED FROM TRAPS (AND BASINS) SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND, OR TREE-SAVE AREA. WHEN PUMPING SEDIMENT LADEN WATER, THE DISCHARGE MUST BE DIRECTED TO A SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.
19. ALL WATER REMOVED FROM EXCAVATED AREAS (E.G., UTILITY TRENCHES) SHALL BE PASSED THROUGH AN APPROVED DEWATERING PRACTICE OR PUMPED TO A SEDIMENT TRAP OR BASIN PRIOR TO DISCHARGE FROM THE SITE (I.E., VIA FUNCTIONAL STORM DRAIN SYSTEM OR TO STABLE GROUND SURFACE).
20. SEDIMENT CONTROL FOR UTILITY CONSTRUCTION FOR AREAS OUTSIDE OF DESIGNATED CONTROLS OR AS DIRECTED BY ENGINEER OR PAI INSPECTOR;
   a. CALL MISS UTILITY AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK.
   b. EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
   c. TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED, AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCH SHALL BE OPENED THAN CAN BE COMPLETED THE SAME DAY, UNLESS;
   d. TEMPORARY SILT FENCE SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREAS INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.
21. WHERE DEEMED APPROPRIATE BY THE ENGINEER OR INSPECTOR, SEDIMENT BASINS AND TRAPS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS. THE DEVELOPER OR OWNER SHALL CHECK WITH LOCAL BUILDING OFFICIALS ON APPLICABLE SAFETY REQUIREMENTS. WHERE SAFETY FENCE IS DEEMED APPROPRIATE AND LOCAL ORDINANCES DO NOT SPECIFY FENCING SIZES AND TYPES, THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE MUST BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE MUST BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.
22. OFF-SITE SPOIL OR BORROW AREAS ON STATE OR FEDERAL PROPERTY MUST HAVE PRIOR APPROVAL BY WMA AND OTHER APPLICABLE STATE, FEDERAL, AND LOCAL AGENCIES; OTHERWISE APPROVAL MUST BE GRANTED BY THE LOCAL AUTHORITIES. ALL WASTE AND BORROW AREAS OFF-SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.
23. SITES WHERE INFILTRATION DEVICES ARE USED FOR THE CONTROL OF STORMWATER, EXTREME CARE MUST BE TAKEN TO PREVENT RUNOFF FROM UNSTABILIZED AREAS FROM ENTERING THE STRUCTURE DURING CONSTRUCTION. SEDIMENT CONTROL DEVICES PLACED IN INFILTRATION AREAS MUST HAVE BOTTOM ELEVATIONS AT LEAST TWO (2) FEET HIGHER THAN THE FINISH GRADE BOTTOM ELEVATION OF THE INFILTRATION PRACTICE. WHEN CONVERTING A SEDIMENT TRAP TO AN INFILTRATION DEVICE, ALL ACCUMULATED SEDIMENT MUST BE REMOVED AND DISPOSED OF PRIOR TO FINAL GRADING OF INFILTRATION DEVICE.
24. WHEN A STORM DRAIN SYSTEM OUTFALL IS DIRECTED TO A SEDIMENT TRAP OR SEDIMENT BASIN AND THE SYSTEM IS TO BE USED FOR TEMPORARILY CONVEYING SEDIMENT LADEN WATER, ALL STORM DRAIN INLETS IN NON-SUMP AREAS SHALL HAVE A TEMPORARY ASPHALT BERMS CONSTRUCTED AT THE TIME OF BASE PAVING TO DIRECT GUTTER FLOW INTO THE INLETS TO AVOID SURCHARGING AND OVERFLOW OF INLETS IN SUMP AREAS.

OWNER'S / DEVELOPER'S CERTIFICATION - GRADING:

I/WE HEREBY CERTIFY THAT ALL GRADING ON THIS SITE WILL BE DONE IN ACCORDANCE WITH THE CURRENT GRADING REQUIREMENTS AS SET FORTH BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY AND WITH THE REQUIREMENTS SPECIFIED IN ARTICLE 33, TITLE 5 OF THE BALTIMORE COUNTY CODE.

SIGNATURE OF OWNER / DEVELOPER — TITLE: PROJECT LEAD — DATE: 5/24/2013

PRINT NAME: THOMAS D. BLACKMAN

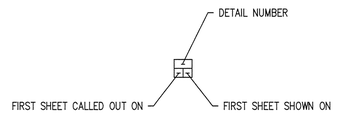
Baltimore County Soil Conservation District — Approved — 5-31-13

OWNER'S / DEVELOPER'S CERTIFICATION - AIR QUALITY:

I ACKNOWLEDGE THAT I AM RESPONSIBLE UNDER THE CODE OF MARYLAND REGULATION (26.11.06.03) TO PREVENT PARTICULATE MATTER FROM BECOMING AIRBORNE DUE TO GRADING, LAND CLEARING, EXCAVATION, CONSTRUCTION OR OTHER RELATED ACTIVITIES. I HAVE RECEIVED A COPY OF "GUIDELINES TO THE AIR POLLUTION REGULATIONS FOR CONTROLLING EXCESS ABP (DUST) ON ACTIVITY SITES" WHICH INCLUDE A COPY OF COMAR 26.11.06.03. I WILL CONTACT THE ENVIRONMENTAL HEALTH SECTION AT 887-4065 AT LEAST THREE DAYS PRIOR TO BEGINNING WORK.

OWNER / DEVELOPER SIGNATURE — TITLE: PROJECT LEAD — DATE: 5/24/2013

PRINTED NAME: THOMAS D. BLACKMAN



DETAIL INDICATOR

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STATE OF MARYLAND — SHIVA KUMBAKU — 23852 — PROFESSIONAL ENGINEER

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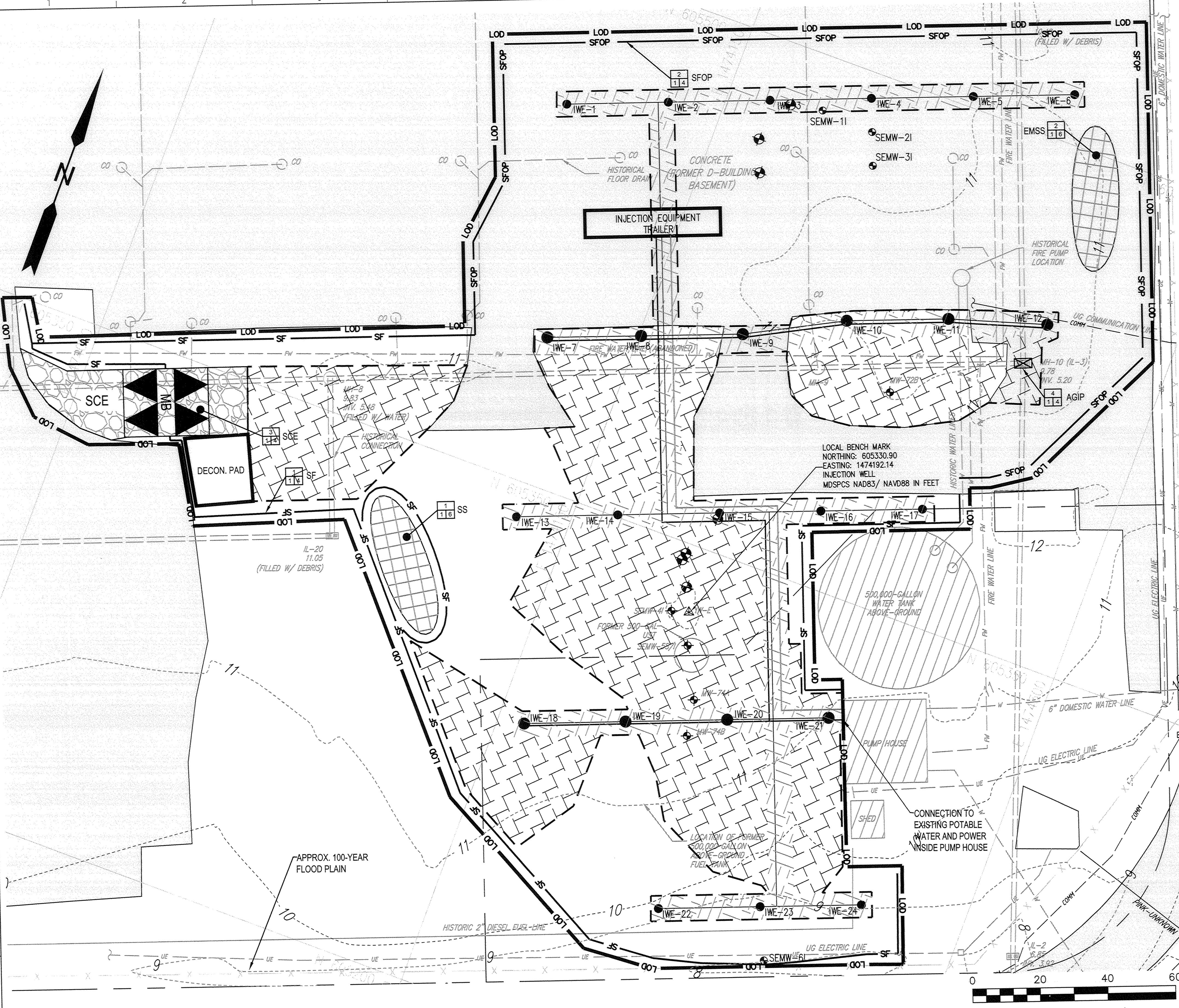
EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	12-18-12
PROJECT NO.:	112I003835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	G-2

GENERAL NOTES



TRAFFIC AND STOCKPILE NOTE:

ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT VIA A STABILIZED CONSTRUCTION ENTRANCE. A WASH RACK SHALL BE PROVIDED AT THE STABILIZED CONSTRUCTION ENTRANCE IF VEHICLES BEGIN TO TRACK MUD ONTO PUBLIC ROAD. CONTRACTOR SHALL REMOVE OR IMPORT DIRT AS REQUIRED. ANY STOCKPILE AREA CREATED FOR THIS PROJECT SHALL BE MANAGED BY A SEDIMENT CONTROL DEVICE AT ALL TIMES.

TEMPORARY STOCKPILES SHALL BE:

1. LOCATED WITHIN THE LIMIT OF DISTURBANCE (LOD).
2. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO.
3. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION.
4. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT.
5. DRAIN TO A FUNCTIONING SEDIMENT CONTROL DEVICE.
6. POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
7. POSITIONED TO NOT ALTER DRAINAGE DIVIDES.
8. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

INLET PROTECTION NOTE:

THE CONTRACTOR SHALL INSPECT THE AREA WITHIN LOD AND PLACE INLET PROTECTION AT HISTORICAL DRAINS WHETHER OPEN OR FILLED WITH RUBBLE.

THE CONTRACTOR IS REQUIRED TO INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

1. ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.*
2. INLETS ON PRIVATE OR PUBLIC PAVED ROADWAYS OPEN TO THE PUBLIC.

ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE E-23 (OR AS MAY BE AMENDED). THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.

*STORM DRAINS SHALL BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL.

UTILITY NOTE:

1. CONTRACTOR SHOULD OPEN ONLY THAT SECTION OF TRENCH THAT CAN BE BACKFILLED AND STABILIZED EACH DAY. IF TRENCH MUST REMAIN OPEN LONGER THAN ONE DAY, SILT FENCE SHALL BE PLACED BELOW (DOWNSLOPE OF) THE TRENCH.
2. PLACE ALL EXCAVATED MATERIAL ON UPHILL SIDE OF TRENCH.
3. ANY SEDIMENT CONTROLS DISTURBED BY UTILITY CONSTRUCTION ARE TO BE REPAIRED IMMEDIATELY.

MAINTENANCE NOTE:

SILT FENCE AND INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED EACH DAY AND AFTER EACH STORM EVENT BY THE CONTRACTOR. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION. ANY DAMAGED OR REMOVED SILT FENCE SHALL BE REPAIRED OR REPLACED BY THE END OF EACH DAY.

ALL OTHER EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED ON A WEEKLY AND AS-NEEDED BASIS (AFTER RAIN EVENTS) BY A PERSON EXPERIENCED IN EROSION AND SEDIMENT CONTROL PRACTICES, AND SHALL BE REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

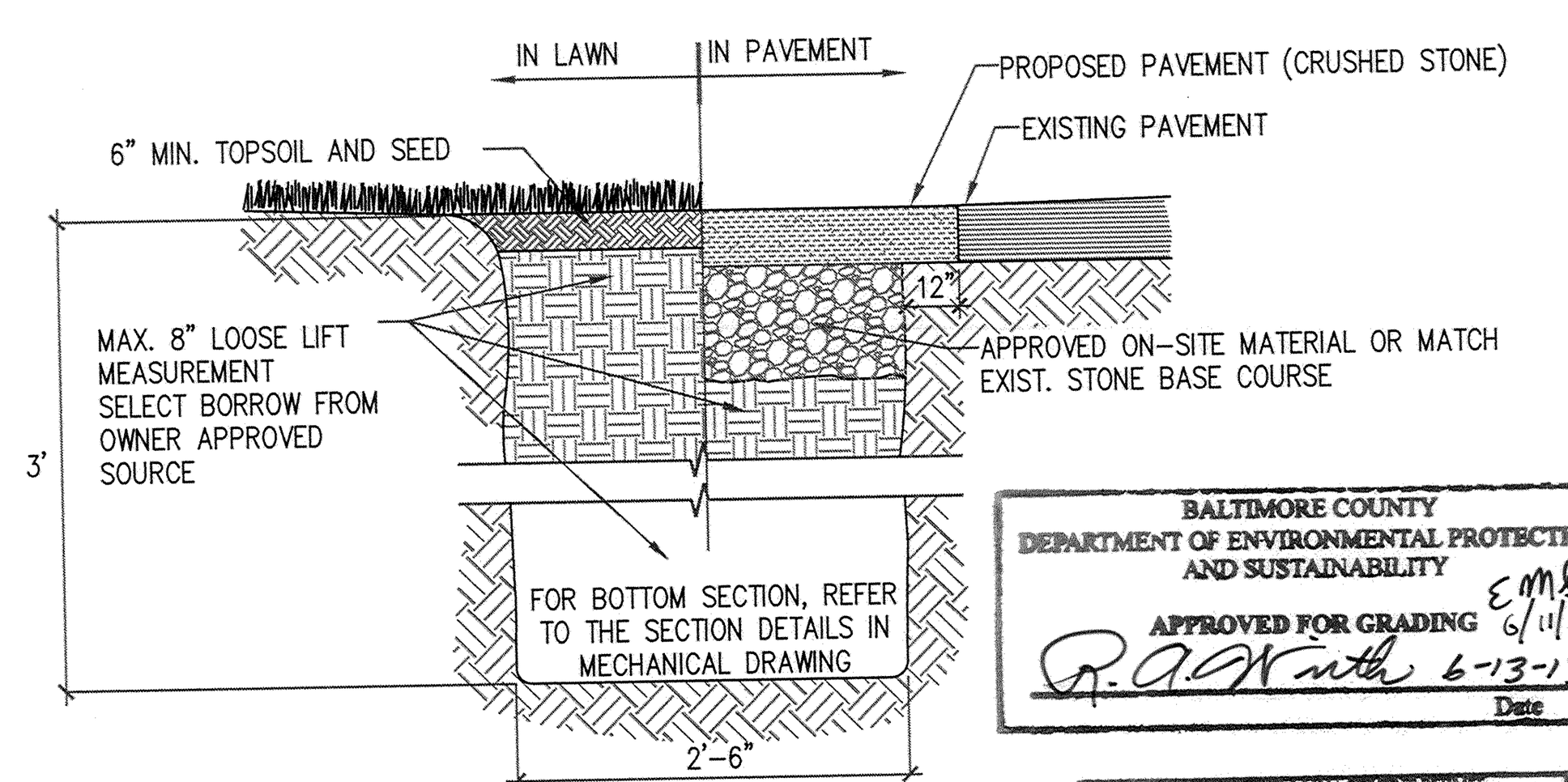
1. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 25% OF FENCE HEIGHT.
2. THE CONSTRUCTION ENTRANCES AND ASPHALT DRIVE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCE AND ASPHALT DRIVE AS CONDITIONS NEEDED OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.

SEQUENCE OF OPERATIONS:

- THE CONTRACTOR SHALL VERIFY THAT ALL APPLICABLE EARTH DISTURBANCE PERMITS, PLANS, AND CERTIFICATES PERTAINING TO EROSION AND SEDIMENT CONTROL HAVE BEEN APPROVED, SIGNED, AND POSTED ON-SITE (IF REQUIRED). CONTRACTOR SHALL APPLY FOR (BE THE PERMITTEE) THE NPDES CONSTRUCTION ACTIVITY PERMIT AND COMPLY WITH ALL SUBSTANTIVE REQUIREMENTS OF SUCH PERMITS.
- CONTACT MISS UTILITY TO LOCATE ALL SITE UTILITIES WITHIN LIMITS OF DISTURBANCE. FOLLOWING UTILITY LOCATION, VISIT SITE TO VERIFY SITE CONDITIONS.
- IF SIGNIFICANT CHANGES TO E&S PERIMETER CONTROLS DEFINED IN APPROVED SEDIMENT CONTROL PLAN ARE MADE, CONTRACTOR MUST COORDINATE CHANGE WITH OWNER AND BALTIMORE COUNTY SEDIMENT CONTROL INSPECTOR AND RECEIVE APPROVAL BEFORE PROCEEDING WITH WORK. EMERGENCY MEASURES SHALL BE TAKEN AS NECESSARY TO PREVENT ENVIRONMENTAL DAMAGE.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE OWNER.

1. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, (410) 887-3226 AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. IF A PROJECT REQUIRES EITHER STATE, OR FEDERAL PERMITS DUE TO IN-STREAM CONSTRUCTION, IT SHALL BE NECESSARY TO NOTIFY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, INSPECTION AND COMPLIANCE PROGRAM, (410) 537-3510 AT LEAST 5 DAYS PRIOR TO BEGINNING WORK.
2. IF APPLICABLE, ORANGE HIGH VISIBILITY FENCE SHALL BE MANUALLY INSTALLED ALONG THE LIMIT OF DISTURBANCE, WHERE THE LIMIT IS WITHIN 50 FEET OF THE FOREST BUFFER/CONSERVATION EASEMENT. THIS SHALL BE COMPLETED BY AND INSPECTED AT, THE PRE-CONSTRUCTION MEETING.
3. CLEAR AND GRUB FOR SEDIMENT & EROSION CONTROL MEASURES OR DEVICES ONLY.
4. INSTALL ALL SEDIMENT & EROSION CONTROL MEASURES AND DEVICES AS SHOWN. ADDITIONAL MEASURES MAY BE REQUIRED BY THE SEDIMENT CONTROL INSPECTOR IN THE FIELD.
5. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, UPON COMPLETION OF SAID INSTALLATION.
6. WITH THE APPROVAL OF BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, AND THE SEDIMENT CONTROL INSPECTOR, START EXCAVATING AREAS WITHIN THE LIMIT OF EXCAVATION AS SHOWN.
7. UNKNOWN UTILITIES MAY EXIST. CLOSE OBSERVATION AND CAREFUL DIGGING IS REQUIRED DURING EXCAVATION. SAW-CUT EXISTING PAVEMENT 1 FT OFFSET FROM THE LIMIT OF EXCAVATION (OR EXTENT OF TRENCH) ON BOTH SIDES AND EXCAVATE THE AREA AS SHOWN.
8. TEMPORARILY STOCKPILE EXCAVATED MATERIAL AT THE LOCATIONS SHOWN ON THE PLAN (UNCONTAMINATED SOIL AT SS AND CONTAMINATED SOIL AT EMSS DESIGNATED AREA). REMOVE ALL CONTAMINATED SOIL OFFSITE.
9. INSTALL THE INJECTION & MONITORING WELLS AT THE LOCATIONS SHOWN ON THE PLAN. DRILLING OPERATIONS SHOULD USE STANDARD E&S CONTROL OR CONTAINMENT PRACTICES WHEN DRILLING THE WELL.
10. INSTALL UTILITIES (INJECTION PIPING BUNDLE, 2" PVC ELECTRIC CONDUIT, 1" PORTABLE WATER LINE) IN THE TRENCH AS SHOWN ON THE PLAN. REFER TO THE SECTION DETAILS IN MECHANICAL DRAWINGS.
11. INSTALL TEMPORARY SUMP PIT, PUMP, AND PORTABLE SEDIMENT TANK AS NEEDED.
12. BACKFILL EXCAVATED AREAS TO THE EXISTING GRADE. PERMANENTLY STABILIZE ALL AREAS.
13. RESTORE PAVEMENT AREA AS SHOWN IN DETAIL. CONTRACTOR SHALL REPLACE THE PAVEMENT IF PAVEMENT OUTSIDE EXCAVATION AREA IS DEGRADED BY HIS WORK.
14. MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES IN FULLY FUNCTIONAL CONDITION THROUGHOUT CONTRACT PERIOD. CONTRACTOR IS REQUIRED TO USE ADDITIONAL DEWATERING PRACTICES IF/WHEN NECESSARY.
15. UPON STABILIZATION OF SITE WITH ESTABLISHED VEGETATION AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE THOSE AREAS DISTURBED BY THIS PROCESS.



TRENCH RESTORATION DETAIL
NOT TO SCALE

BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY
APPROVED FOR GRADING EMS 6/11/13
[signature] 6-13-13
Date

STORMWATER MANAGEMENT PERMIT NOT REQUIRED

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING – MAJOR
- 5-FT MAJOR CONTOUR
- 1-FT MINOR CONTOUR

EXISTING UTILITIES

- WATER LINE W/ VALVE & HYDRANT
- GAS LINE W/ METER & VALVE
- UNDERGROUND ELECTRIC
- ABOVE-GROUND ELECTRIC W/ POLE
- COMMUNICATIONS W/ BOX
- STORM PIPE W/ INLET & MANHOLE
- HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SANITARY LINE W/ CLEANOUT
- FORCE MAIN
- CHAIN LINK FENCE W/ GATE
- UNKNOWN UTILITIES– GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL
- PAVEMENT SURFACE

PROPOSED LEGEND

REMEDIAL SYSTEM FEATURES

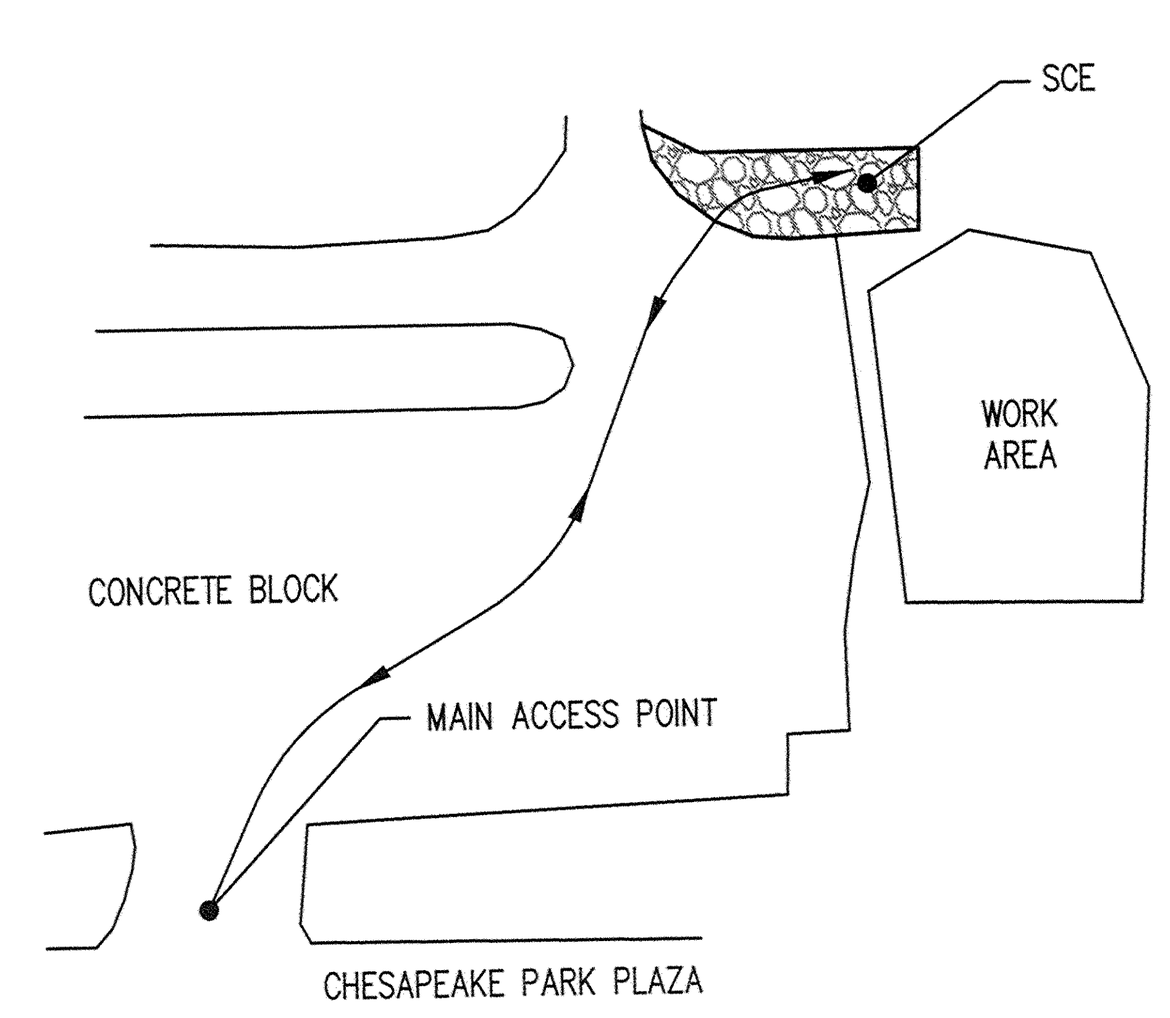
- 4" INJECTION WELL
- 4" INJECTION WELL (CAN OPERATE AS EXTRACTION WELL)
- 2" PERFORMANCE MONIITORING WELL (I-INTERMEDIATE DEPTH, S-SHALLOW DEPTH)
- INJECTION PIPING BUNDLE
- 2" PVC ELECTRICAL CONDUIT
- 1" POTABLE WATER LINE
- LIMIT OF EXCAVATION

EROSION AND SEDIMENT CONTROL FEATURES

- AT-GRADE INLET PROTECTION
- (SS & EMSS) TEMPORARY STOCKPILE
- LOD – LIMIT OF DISTURBANCE
- SF – SILT FENCE
- SFOP – SILT FENCE ON PAVEMENT/CONCRETE
- SCE – STABILIZED CONSTRUCTION ENTRANCE W/ MOUNTABLE BERM

NOTES:

1. BLOCK E INJECTION WELL TRENCH INFORMATION:
   a. TOTAL AREA OF BLOCK E = 16.026 ACRES
   b. AREA WITHIN LIMITS OF DISTURBANCE = 1.1 ACRES (49,800 SF)
   c. AREA WITHIN LIMITS OF EXCAVATION = 0.42 ACRES
   d. TOTAL TRENCH (3'D X 7.5'W) LENGTH = 813 LINEAR FOOT, APPROXIMATELY 252 LF OF TRENCH IS LOCATED ON CONCRETE FOUNDATION.
   SOIL EXCAVATION OUTSIDE OF TRENCH = 2' DEPTH.
   e. TOTAL CUT/FILL = 1,565 CUBIC YARDS
   TOTAL ESTIMATED TSCA CUT = 371 CUBIC YARDS
   TOTAL ESTIMATED NON-HAZARDOUS CUT = 1,194 CUBIC YARDS
   f. OFF-SITE WASTE / BORROW AREA LOCATION – LOCATIONS NOT YET DETERMINED
2. EXISTING INJECTION PILOT TEST MONITORING POINTS *MPE-1I* AND *MPE-2I/S* ARE UTILIZED AS MONITORING WELLS *SEMW-4I* AND *SEMW-5S/I*.
3. ALL EXISTING WELLS SHALL BE PROTECTED DURING CONSTRUCTION.
4. THE AREAS SHALL BE RESTORED TO APPROXIMATE EXISTING GRADES AND FINISH. THE DISTURBED GRASS AREAS SHALL BE SEEDED PER SEEDING SPECIFICATIONS. THE DISTURBED CONCRETE AREAS SHALL BE COVERED WITH CRUSHED STONE.
5. CONTRACTOR SHALL PROTECT/REMOVE THOSE UTILITIES ENCOUNTERED DURING EXCAVATION PER THE OWNER'S APPROVAL.



TRAFFIC FLOW DIAGRAM
FORWARD →

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
[signature] 5·31·13
DATE

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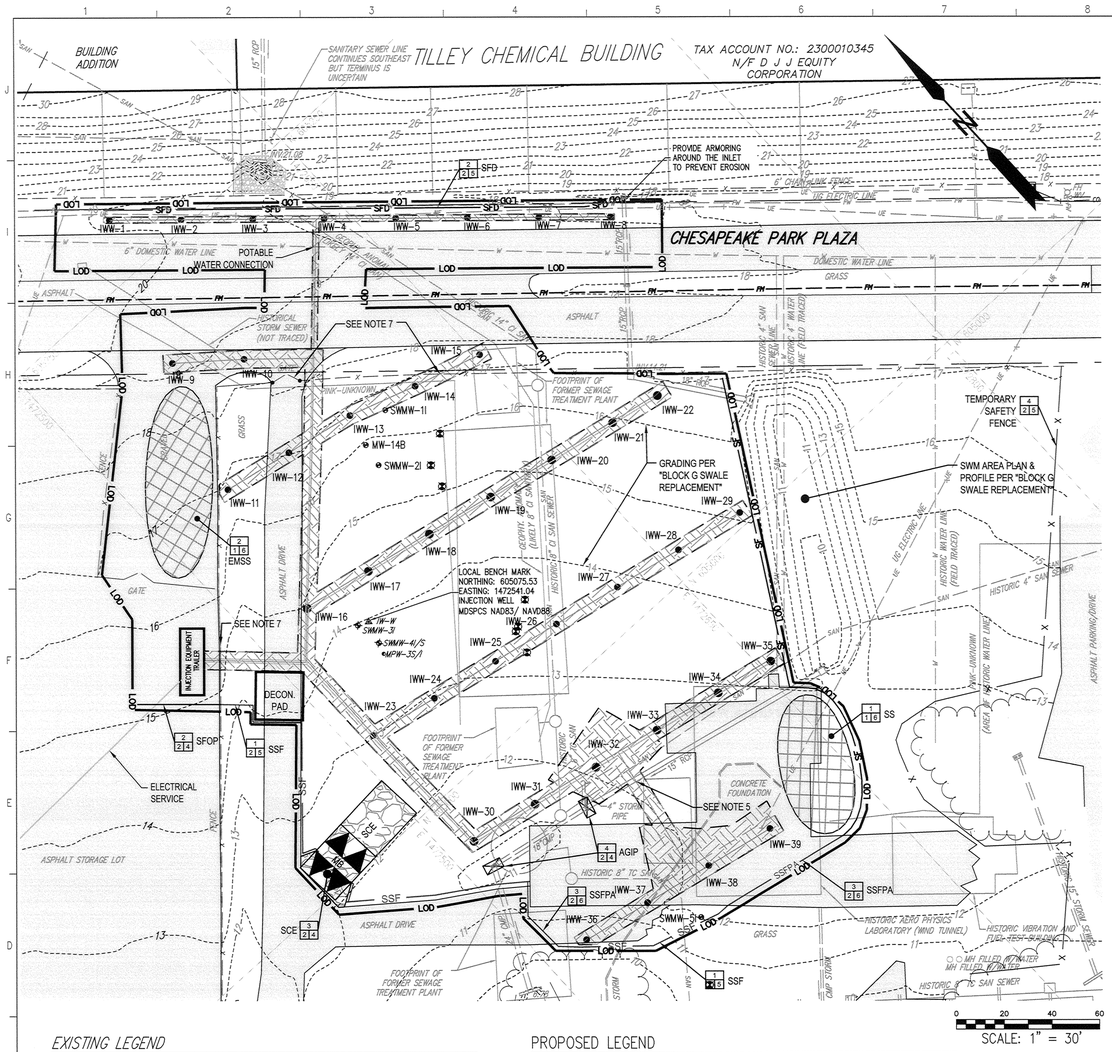
STATE OF MARYLAND SHIVAKUMAR 25855 PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
1	02/01/13	REVISION PER BALTIMORE SCD COMMENTS	YL
2	03/28/13	REVISION PER BALTIMORE SCD COMMENTS	YL

EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	12-18-12
PROJECT NO.:	112IC03835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	C-1

GRADING PLAN BLOCK E



TRAFFIC AND STOCKPILE NOTE:

CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DURING THE WORK AT CHESAPEAKE PARK PLAZA. CONTRACTOR SHALL NOT CLOSE BOTH TRAFFIC LANES AT THE SAME TIME. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER COORDINATION OF TRAFFIC CONTROL ACTIVITIES WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS INCLUDING;

a. ACQUISITION OF PERMITS AND SUBMISSION OF TEMPORARY TRAFFIC CONTROL PLANS TO PERFORM WORK IN THE RIGHT-OF-WAY IF REQUIRED.

b. COORDINATE OF CONSTRUCTION VEHICLES ENTERING AND EXISTING THE PROPERTY SHALL TAKE PLACE ON SUITABLE ROADS.

A WASH RACK SHALL BE PROVIDED AT THE STABILIZED CONSTRUCTION ENTRANCE IF VEHICLES BEGIN TO TRACK MUD ONTO PUBLIC ROAD. CONTRACTOR SHALL REMOVE OR IMPORT DIRT AS REQUIRED. ANY STOCKPILE AREA CREATED FOR THIS PROJECT SHALL BE MANAGED BY A SEDIMENT CONTROL DEVICE AT ALL TIMES.

TEMPORARY STOCKPILES SHALL BE:

1. LOCATED WITHIN THE LIMIT OF DISTURBANCE (LOD).
2. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO.
3. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION.
4. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT.
5. DRAIN TO A FUNCTIONING SEDIMENT CONTROL DEVICE.
6. POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
7. POSITIONED TO NOT ALTER DRAINAGE DIVIDES.
8. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

INLET PROTECTION NOTE:

CONTRACTOR IS REQUIRED TO INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

1. ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.*
2. INLETS ON PRIVATE OR PUBLIC PAVED ROADWAYS OPEN TO THE PUBLIC.

ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE E-23 (OR AS MAY BE AMENDED). THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.

*STORM DRAINS SHALL BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL.

UTILITY NOTE:

1. CONTRACTOR SHOULD OPEN ONLY THAT SECTION OF TRENCH THAT CAN BE BACKFILLED AND STABILIZED EACH DAY. IF TRENCH MUST REMAIN OPEN LONGER THAN ONE DAY, SILT FENCE SHALL BE PLACED BELOW (DOWNSLOPE OF) THE TRENCH.
2. PLACE ALL EXCAVATED MATERIAL ON UPHILL SIDE OF TRENCH.
3. ANY SEDIMENT CONTROLS DISTURBED BY UTILITY CONSTRUCTION ARE TO BE REPAIRED IMMEDIATELY.

MAINTENANCE NOTE:

SILT FENCE AND INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED EACH DAY AND AFTER EACH STORM EVENT BY THE CONTRACTOR. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION. ANY DAMAGED OR REMOVED SILT FENCE SHALL BE REPAIRED OR REPLACED BY THE END OF EACH DAY.

ALL OTHER EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED ON A WEEKLY AND AS-NEEDED BASIS (AFTER RAIN EVENTS) BY A PERSON EXPERIENCED IN EROSION AND SEDIMENT CONTROL PRACTICES, AND SHALL BE REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 25% OF FENCE HEIGHT.
2. THE CONSTRUCTION ENTRANCES AND ASPHALT DRIVE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCE AND ASPHALT DRIVE AS CONDITIONS NEEDED OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

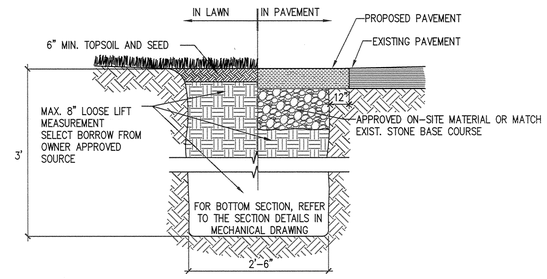
ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.

SEQUENCE OF OPERATIONS:

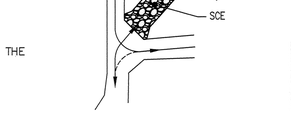
- SEE SHEET C-1.

BALTIMORE COUNTY
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY
APPROVED FOR GRADING EMS 6/11/13
Date 6-13-13

STORMWATER MANAGEMENT PERMIT NOT REQUIRED



TRENCH RESTORATION DETAIL
NOT TO SCALE



TRAFFIC FLOW DIAGRAM
FORWARD
REVERSE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
5.31.13
DATE

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING - MAJOR
- 10 5-FT MAJOR CONTOUR
- 12 1-FT MINOR CONTOUR

EXISTING UTILITIES

- W PIV WATER LINE W/ VALVE & HYDRANT
- G PIV GAS LINE W/ METER & VALVE
- UE UNDERGROUND ELECTRIC
- OE PP ABOVE-GROUND ELECTRIC W/ POLE
- TB COMM COMMUNICATIONS W/ BOX
- MH 6"VCP STORM PIPE W/ INLET & MANHOLE
- CO HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SAN CO SANITARY LINE W/ CLEANOUT
- FM FORCE MAIN
- X CHAIN LINK FENCE W/ GATE
- UNKNOWN UNKNOWN UTILITIES- GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL
- PAVEMENT SURFACE

"BLOCK G SWALE REPLACEMENT" FEATURES

- 15 5-FT MAJOR CONTOUR
- 14 1-FT MINOR CONTOUR
- STORM PIPE W/ INLET

PROPOSED LEGEND

REMEDIAL SYSTEM FEATURES

- 4" INJECTION WELL
- 4" INJECTION WELL (CAN OPERATE AS EXTRACTION WELL)
- 2" PERFORMANCE MONITORING WELL (I-INTERMEDIATE DEPTH, S-SHALLOW DEPTH)
- INJECTION PIPING BUNDLE
- 2" PVC ELECTRICAL CONDUIT
- 1" POTABLE WATER LINE
- LIMIT OF EXCAVATION

EROSION AND SEDIMENT CONTROL FEATURES

- AT-GRADE INLET PROTECTION
- (SS & EMSS) TEMPORARY STOCKPILE
- LOD LIMIT OF DISTURBANCE
- SF SILT FENCE
- SFOP SILT FENCE ON PAVEMENT
- SSF SSF SUPER SILT FENCE
- SFD SUPER FENCE DIVERSION
- SSFPA SUPER SILT FENCE FOR PAVED AREAS
- SCE STABILIZED CONSTRUCTION ENTRANCE W/ MOUNTABLE BERM

NOTES:

1. BLOCK G INJECTION WELL TRENCH INFORMATION:
   a. TOTAL AREA OF BLOCK G = 13.461 ACRES
   b. AREA WITHIN LIMITS OF DISTURBANCE = 1.7 ACRES (72,030 SF)
   c. AREA WITHIN LIMITS OF EXCAVATION = 0.23 ACRES
   d. TOTAL TRENCH (3'D X 7.5'W) LENGTH = 1,373 LINEAR FOOT, APPROXIMATELY 294 LF OF TRENCH IS LOCATED ON PAVEMENT INCLUDING 90 LF OF CONCRETE.
   e. TOTAL CUT/FILL = 1,132 CUBIC YARDS
   f. OFF-SITE WASTE/BORROW AREA LOCATION - LOCATIONS NOT YET DETERMINED
2. EXISTING INJECTION PILOT TEST MONITORING POINTS *MPW-1I* AND *MPW-2I/S ARE* UTILIZED AS MONITORING WELLS *SWMW-3I* AND *SWMW-4S/I*.
3. ALL EXISTING WELLS SHALL BE PROTECTED DURING CONSTRUCTION.
4. THE AREAS SHALL BE RESTORED TO THE GRADES AND FINISH PER "BLOCK G SWALE REPLACEMENT" PROJECT. THE DISTURBED GRASS AREAS SHALL BE SEEDED PER SEEDING SPECIFICATIONS. THE DISTURBED ASPHALT PAVEMENT SHALL BE REPAVED WITH ASPHALT. THE DISTURBED CONCRETE SHALL BE COVERED WITH CRUSHED STONE.
5. INSTALL REMEDIAL INJECTION PIPING BELOW 15" RCP ON THE CROSSING.
6. CONTRACTOR SHALL PROTECT/REMOVE THOSE UTILITIES ENCOUNTERED DURING EXCAVATION PER THE OWNER'S APPROVAL.
7. RESTORE/REBUILD DISTURBED GATE AND FENCE TO THE EXISTING CONDITIONS.

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STATE OF MARYLAND SHIVA KUMAR 29855 PROFESSIONAL ENGINEER

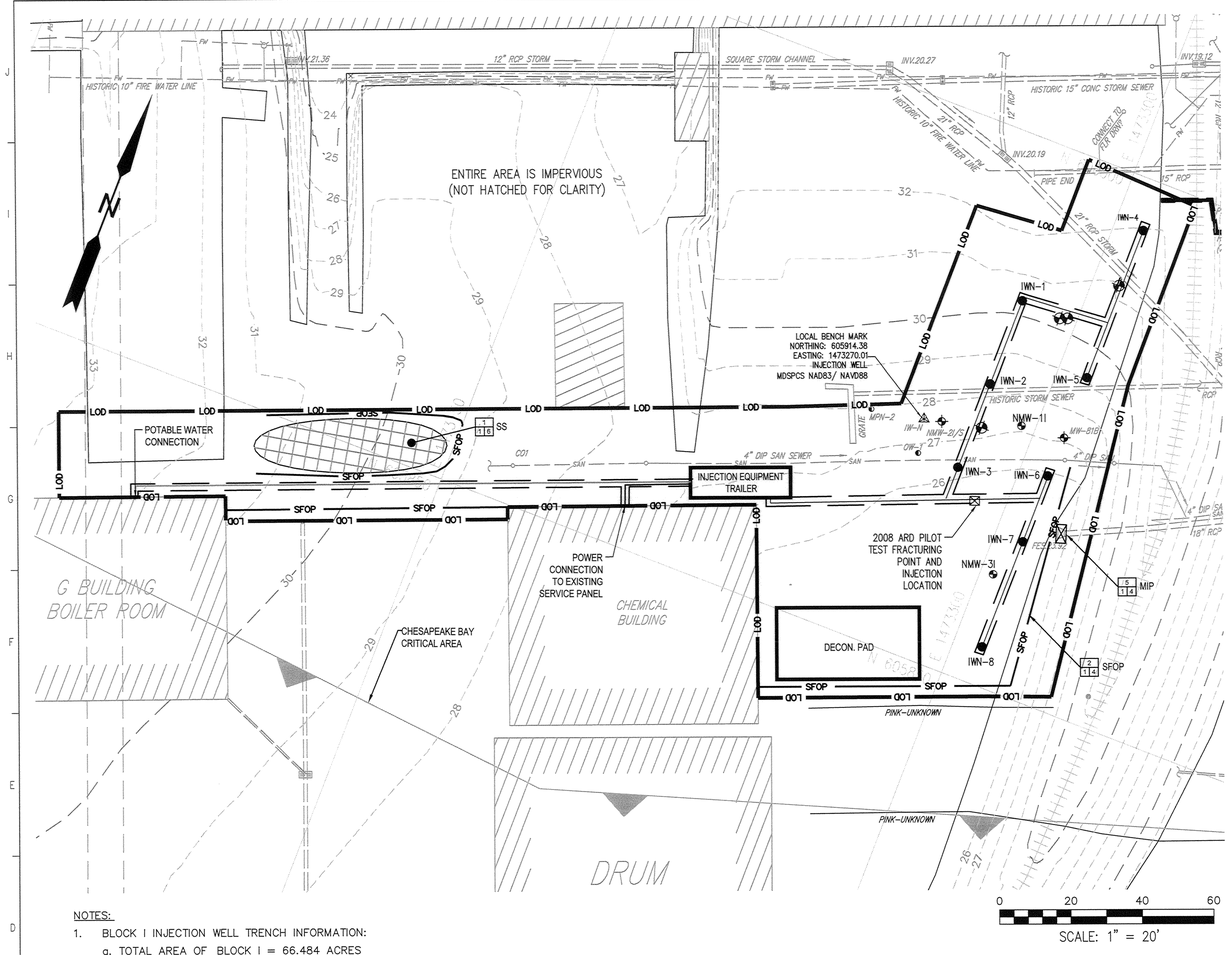
MARK	DATE	DESCRIPTION	BY
1	02/01/13	REVISION PER BALTIMORE SCD COMMENTS	YL
2	03/28/13	REVISION PER BALTIMORE SCD COMMENTS	YL

EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	12-18-12
PROJECT NO.:	112IC03835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	C-2

GRADING PLAN
BLOCK G



NOTES:

1. BLOCK I INJECTION WELL TRENCH INFORMATION:
   a. TOTAL AREA OF BLOCK I = 66.484 ACRES
   b. AREA WITHIN LIMITS OF DISTURBANCE = 0.4 ACRES (16,560 SF)
   c. TOTAL TRENCH (3'D X 2.5'W) LENGTH = 427 LINEAR FOOT.
   THE ENTIRE LENGTH OF TRENCH IS LOCATED ON ASPHALT PAVEMENT.
   d. TOTAL CUT/FILL = 119 CUBIC YARDS
   e. OFF-SITE WASTE / BORROW AREA LOCATION – LOCATIONS NOT YET DETERMINED
2. EXISTING INJECTION PILOT TEST MONITORING POINT *MPN-1S/I* IS UTILIZED AS MONITORING WELL *NMW-2S/I*.
3. ALL EXISTING WELLS SHALL BE PROTECTED DURING CONSTRUCTION.
4. THE AREAS SHALL BE RESTORED TO APPROXIMATE EXISTING GRADES AND FINISH. THE DISTURBED AREAS SHALL BE REPAVED WITH ASPHALT.
5. CONTRACTOR SHALL PROTECT/REMOVE THOSE UTILITIES ENCOUNTERED DURING EXCAVATION PER THE OWNER'S APPROVAL.

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING – MAJOR
- 10 5-FT MAJOR CONTOUR
- 12 1-FT MINOR CONTOUR

EXISTING UTILITIES

- W WATER LINE W/ VALVE & HYDRANT
- G GAS LINE W/ METER & VALVE
- UE UNDERGROUND ELECTRIC
- OE PP ABOVE-GROUND ELECTRIC W/ POLE
- COMM COMMUNICATIONS W/ BOX
- 6"RCP STORM PIPE W/ INLET & MANHOLE
- HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SAN CO SANITARY LINE W/ CLEANOUT
- FM FORCE MAIN
- X CHAIN LINK FENCE W/ GATE
- UNKNOWN UNKNOWN UTILITIES– GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL

PROPOSED LEGEND

REMEDIAL SYSTEM FEATURES

- 4" INJECTION WELL
- 4" INJECTION WELL (CAN OPERATE AS EXTRACTION WELL)
- 2" PERFORMANCE MONITORING WELL (I-INTERMEDIATE DEPTH, S-SHALLOW DEPTH)
- INJECTION PIPING BUNDLE
- 2" PVC ELECTRICAL CONDUIT
- 1" POTABLE WATER LINE
- EXTENT OF TRENCH

EROSION AND SEDIMENT CONTROL FEATURES

- AT-GRADE INLET PROTECTION
- (SS & EMSS) TEMPORARY STOCKPILE
- LOD LIMIT OF DISTURBANCE
- SF SILT FENCE
- SFOP SILT FENCE ON PAVEMENT

TRAFFIC AND STOCKPILE NOTE:

ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT VIA DECON PAD. ANY STOCKPILE AREA CREATED FOR THIS PROJECT SHALL BE MANAGED BY A SEDIMENT CONTROL DEVICE AT ALL TIMES.

TEMPORARY STOCKPILES SHALL BE:

1. LOCATED WITHIN THE LIMIT OF DISTURBANCE (LOD).
2. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO.
3. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION.
4. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT.
5. DRAIN TO A FUNCTIONING SEDIMENT CONTROL DEVICE.
6. POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
7. POSITIONED TO NOT ALTER DRAINAGE DIVIDES.
8. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

INLET PROTECTION NOTE:

THE CONTRACTOR IS REQUIRED TO INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

1. ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.*
2. INLETS ON PRIVATE OR PUBLIC PAVED ROADWAYS OPEN TO THE PUBLIC.

ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE E-23 (OR AS MAY BE AMENDED). THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.

*STORM DRAINS SHALL BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL.

UTILITY NOTE:

1. CONTRACTOR SHOULD OPEN ONLY THAT SECTION OF TRENCH THAT CAN BE BACKFILLED AND STABILIZED EACH DAY. IF TRENCH MUST REMAIN OPEN LONGER THAN ONE DAY, SILT FENCE SHALL BE PLACED BELOW (DOWNSLOPE OF) THE TRENCH.
2. PLACE ALL EXCAVATED MATERIAL ON UPHILL SIDE OF TRENCH.
3. ANY SEDIMENT CONTROLS DISTURBED BY UTILITY CONSTRUCTION ARE TO BE REPAIRED IMMEDIATELY.

MAINTENANCE NOTE:

SILT FENCE AND INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED EACH DAY AND AFTER EACH STORM EVENT BY THE CONTRACTOR. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION. ANY DAMAGED OR REMOVED SILT FENCE SHALL BE REPAIRED OR REPLACED BY THE END OF EACH DAY.

ALL OTHER EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED ON A WEEKLY AND AS-NEEDED BASIS (AFTER RAIN EVENTS) BY A PERSON EXPERIENCED IN EROSION AND SEDIMENT CONTROL PRACTICES, AND SHALL BE REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 25% OF FENCE HEIGHT.
2. THE CONSTRUCTION ENTRANCES AND ASPHALT DRIVE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCE AND ASPHALT DRIVE AS CONDITIONS NEEDED OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.

TRAFFIC FLOW DIAGRAM
FORWARD →

SEQUENCE OF OPERATIONS:

- SEE SHEET C-1.

BALTIMORE COUNTY
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY
APPROVED FOR GRADING 6/11/13
6-13-13
Date
STORMWATER MANAGEMENT PERMIT NOT REQUIRED

TRENCH RESTORATION DETAIL
NOT TO SCALE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
5.31.13
DATE

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STATE OF MARYLAND · SHIVA KUMAR · 22555 · PROFESSIONAL ENGINEER

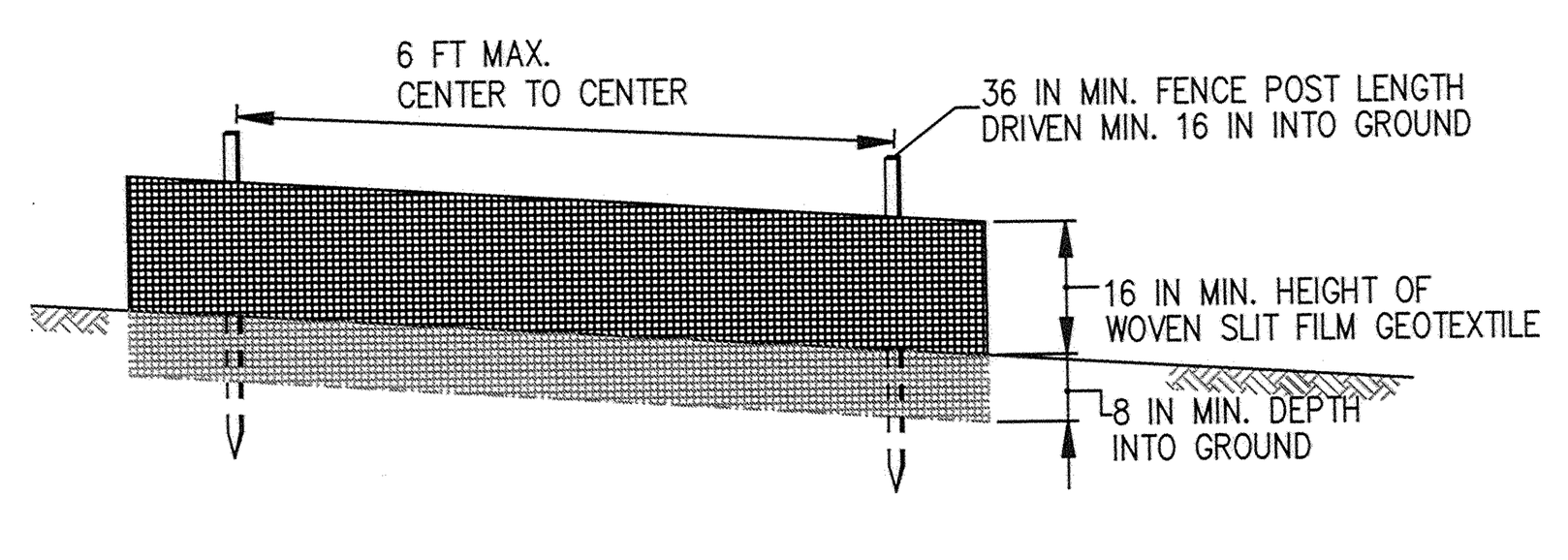
MARK	DATE	DESCRIPTION	BY
1	02/01/13	REVISION PER BALTIMORE SCD COMMENTS	YL
2	03/28/13	REVISION PER BALTIMORE SCD COMMENTS	YL

EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN

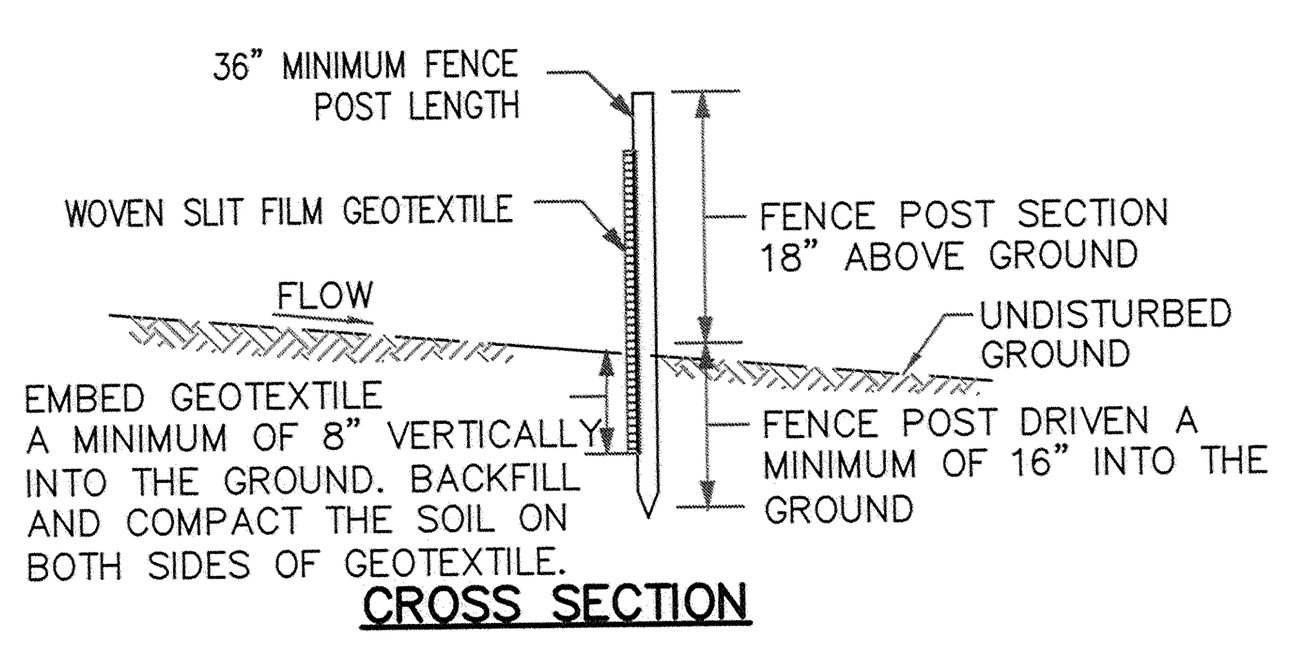
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	12-18-12
PROJECT NO.:	112IC03835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	C-3

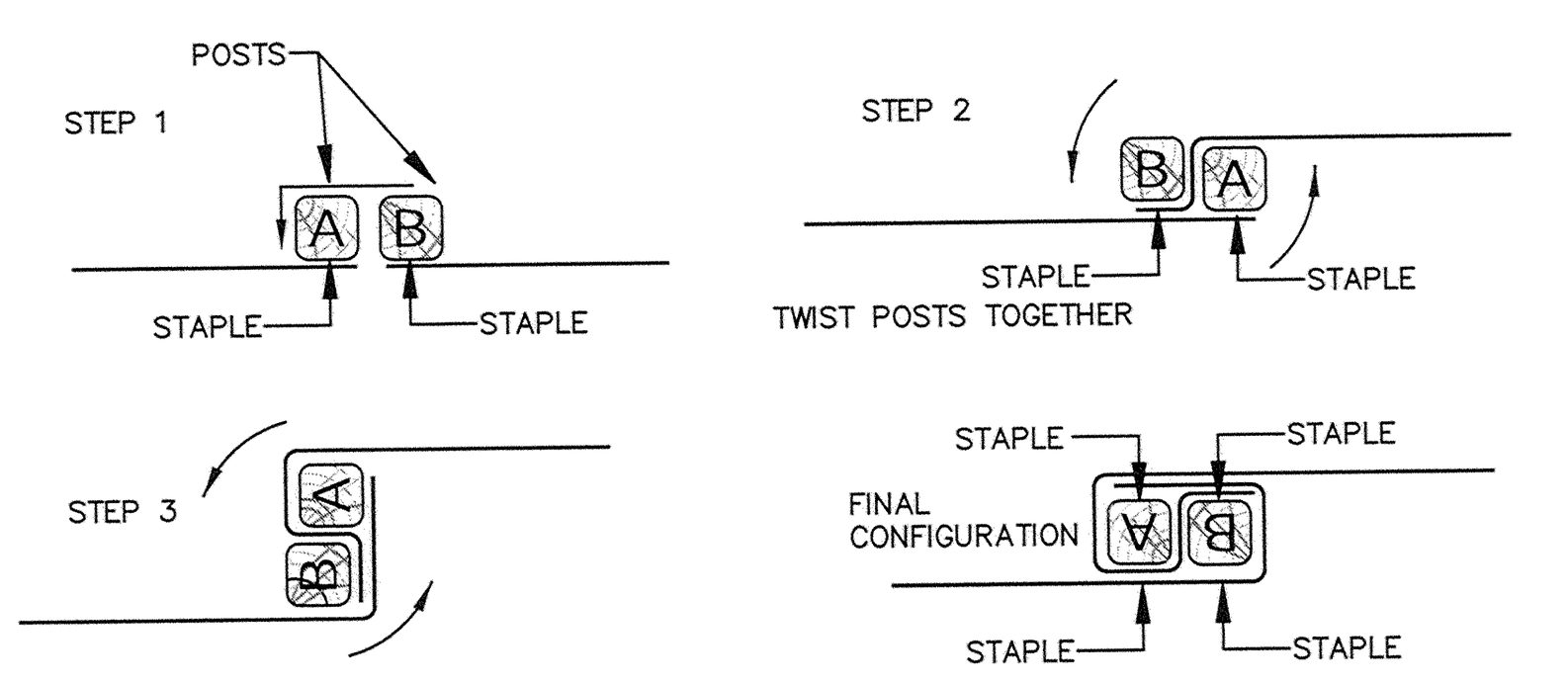
GRADING PLAN BLOCK I



ELEVATION



CROSS SECTION



TOP VIEW – JOINING TWO ADJACENT SILT FENCE SECTIONS

CONSTRUCTION SPECIFICATIONS

1. USE WOOD POSTS 1¾ X 1¾ ± ⅛ INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
2. USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
3. USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN THIS SHEET AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
4. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS.
5. EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
6. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
7. EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
8. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

1 | 1 4 — **SILT FENCE**
NOT TO SCALE

GEOTEXTILE SPECIFICATIONS

PROPERTY	TEST METHOD	WOVEN SILT FILM MD	WOVEN SILT FILM CD	WOVEN MONOFILAMENT MD	WOVEN MONOFILAMENT CD	NONWOVEN GEOTEXTILE MD	NONWOVEN GEOTEXTILE CD
		MINIMUM AVERAGE ROLL VALUE*					
GRAB TENSILE STRENGTH	ASTM D-4632	200 LB	200 LB	370 LB	250 LB	200 LB	200 LB
GRAB TENSILE ELONGATION	ASTM D-4632	15%	10%	15%	15%	50%	50%
TRAPEZOIDAL TEAR STRENGTH	ASTM D-4533	75 LB	75 LB	10 LB	60 LB	80 LB	80 LB
PUNCTURE STRENGTH	ASTM D-6241	450LB		900LB		450LB	
APPARENT OPENING SIZE**	ASTM D-4751	U.S. SIEVE 30 (0.59 MM)		U.S. SIEVE 70 (0.21 MM)		U.S. SIEVE 70 (0.21 MM)	
PERMITTIVITY	ASTM D-4491	0.05 SEC-1		0.28 SEC-1		1.1 SEC-1	
ULTRAVIOLET RESISTANCE RETAINED AT 500 HOURS	ASTM D-4355	70% STRENGTH		70% STRENGTH		70% STRENGTH	

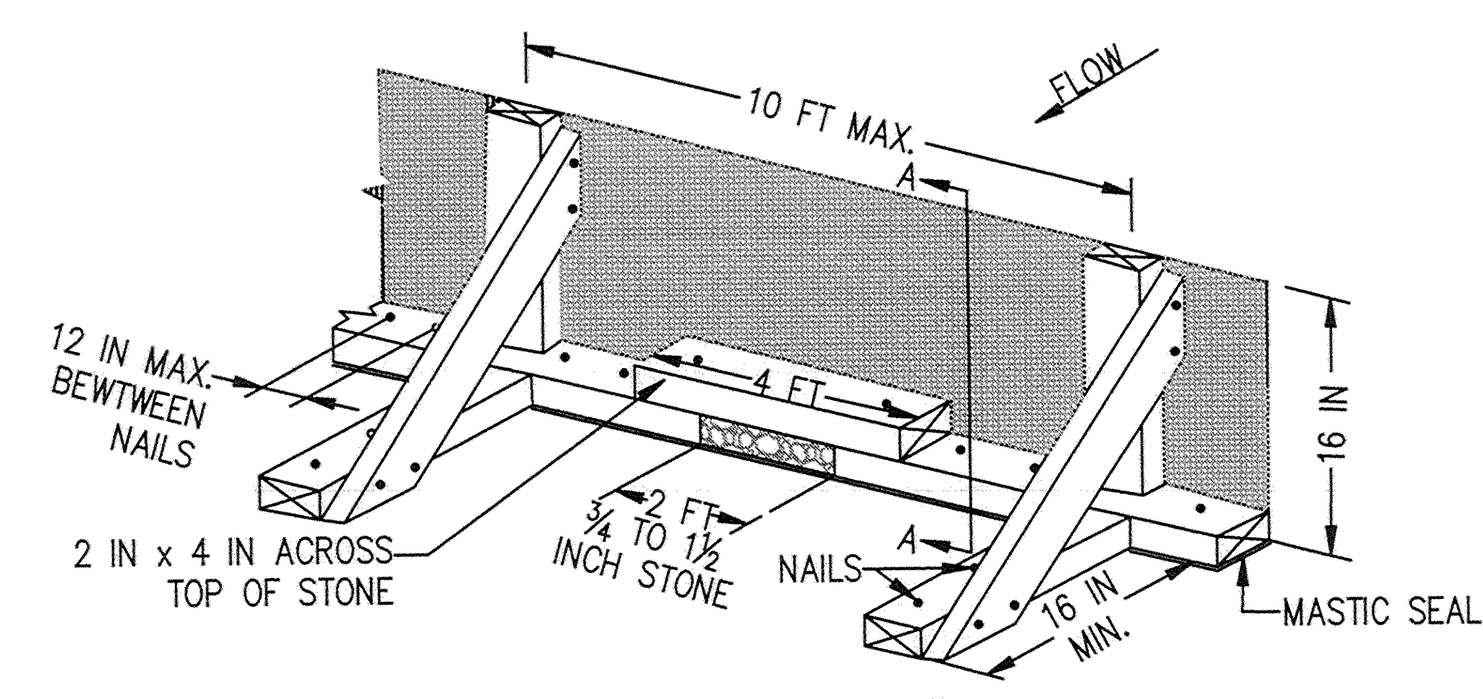
* ALL NUMERIC VALUES EXCEPT APPARENT OPENING SIZE (AOS) REPRESENT MINIMUM AVERAGE ROLL VALUES (MARV). MARV IS CALCULATED AS THE TYPICAL MINUS TWO STANDARD DEVIATIONS. MD IS MACHINE DIRECTION; CD IS CROSS DIRECTION.

** VALUES FOR AOS REPRESENT THE AVERAGE MAXIMUM OPENING.

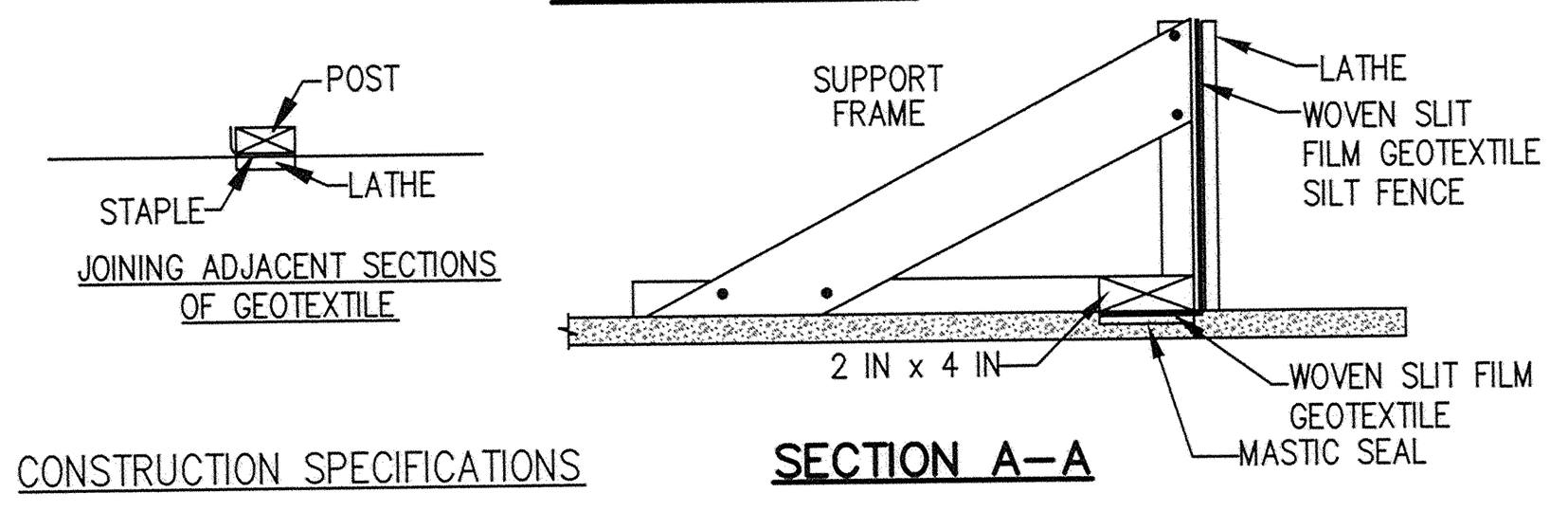
GEOTEXTILES MUST BE EVALUATED BY THE NATIONAL TRANSPORTATION PRODUCT EVALUATION PROGRAM (NTPEP) AND CONFORM TO THE VALUES IN THIS TABLE.

THE GEOTEXTILE MUST BE INERT TO COMMONLY ENCOUNTERED CHEMICALS AND HYDROCARBONS AND MUST BE ROT AND MILDEW RESISTANT. THE GEOTEXTILE MUST BE MANUFACTURED FROM FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS AND COMPOSED OF A MINIMUM OF 95 PERCENT BY WEIGHT OF POLYOLEFINS OR POLYESTERS, AND FORMED INTO A STABLE NETWORK SO THE FILAMENTS OR YARNS RETAIN THEIR DIMENSIONAL STABILITY RELATIVE TO EACH OTHER, INCLUDING SELVAGES.

WHEN MORE THAN ONE SECTION OF GEOTEXTILE IS NECESSARY OVERLAP THE SECTIONS BY AT LEAST ONE FOOT. THE GEOTEXTILE MUST BE PULLED TAUT OVER THE APPLIED SURFACE. EQUIPMENT MUST NOT RUN OVER EXPOSED FABRIC. WHEN PLACING RIPRAP ON GEOTEXTILE, DO NOT EXCEED A ONE FOOT DROP HEIGHT.



ISOMETRIC VIEW

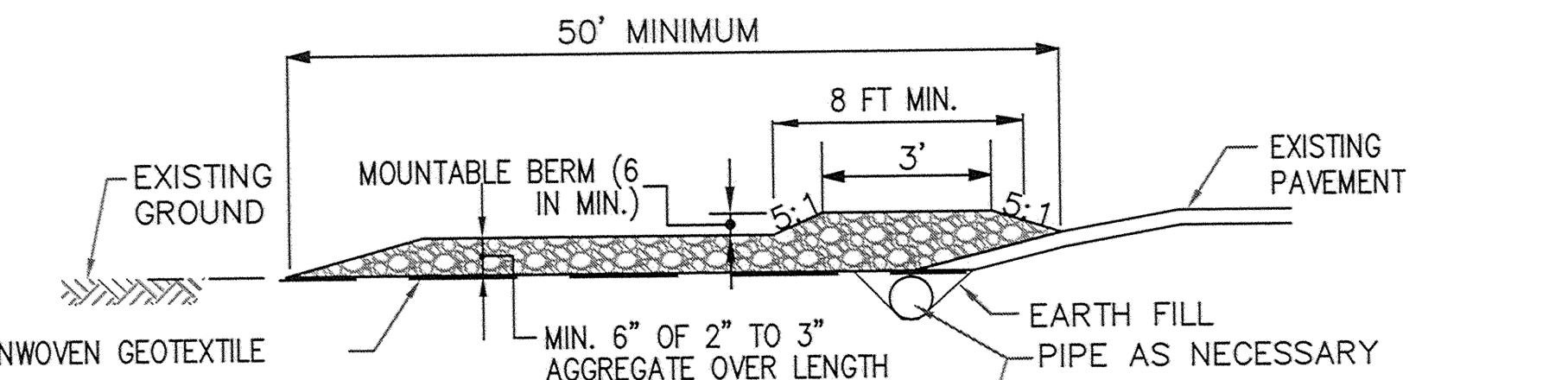


SECTION A–A

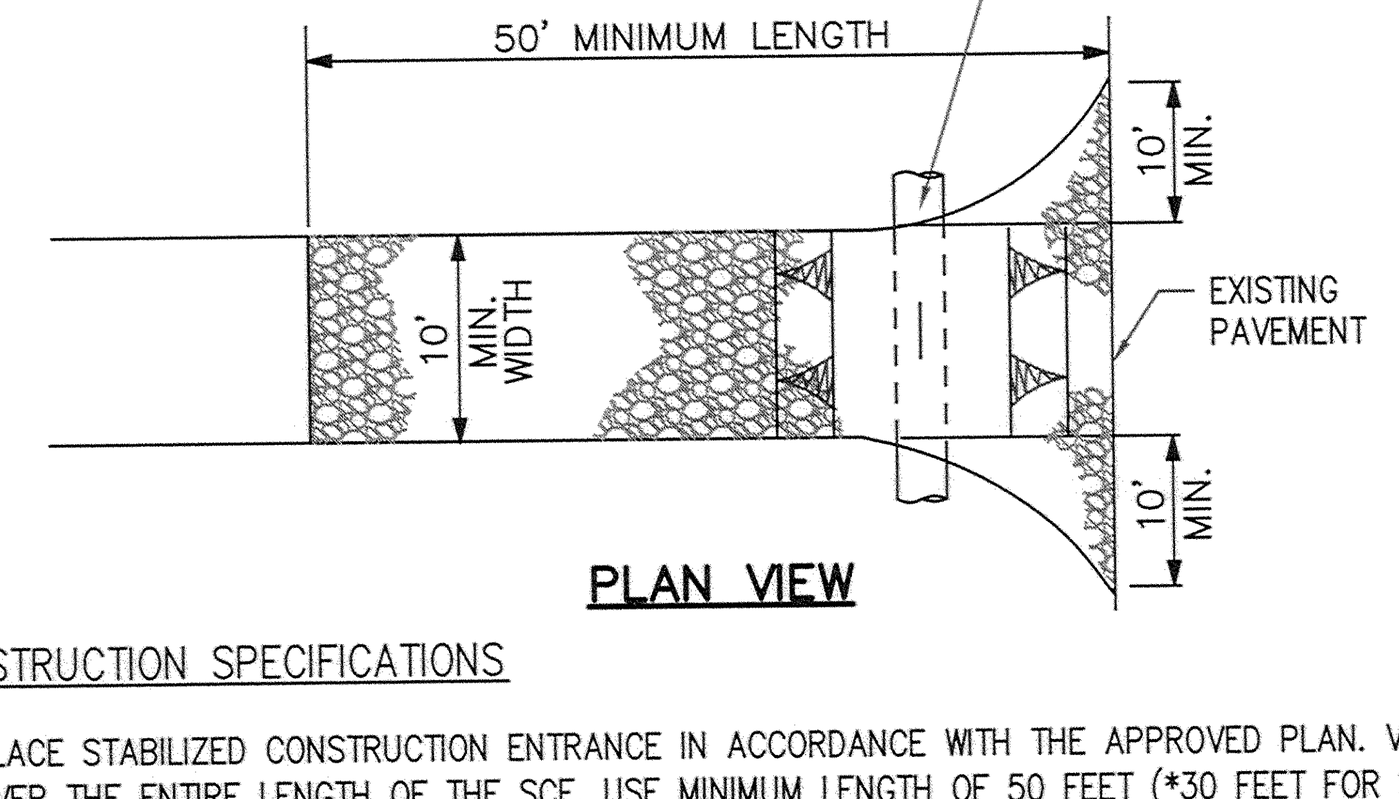
CONSTRUCTION SPECIFICATIONS

1. USE NOMINAL 2 INCH X 4 INCH LUMBER.
2. USE WOVEN SLIT FILM GEOTEXTILE, AS SPECIFIED IN THIS SHEET.
3. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS.
4. SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
5. PROVIDE A TWO FOOT OPENING BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE OPENING OVER GEOTEXTILE.
6. KEEP SILT FENCE TAUT AND SECURELY STAPLE TO THE UPSLOPE SIDE OF UPRIGHT SUPPORTS. EXTEND GEOTEXTILE UNDER 2x4.
7. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, FOLD, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. ATTACH LATHE.
8. PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND 2x4 TO PREVENT SEDIMENT-LADEN WATER FROM ESCAPING BENEATH SILT FENCE INSTALLATION.
9. SECURE BOARDS TO PAVEMENT WITH 40D 5 INCH MINIMUM LENGTH NAILS.
10. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STONE IF DISPLACED.

2 | 1 4 — **SILT FENCE ON PAVEMENT**
NOT TO SCALE



PROFILE

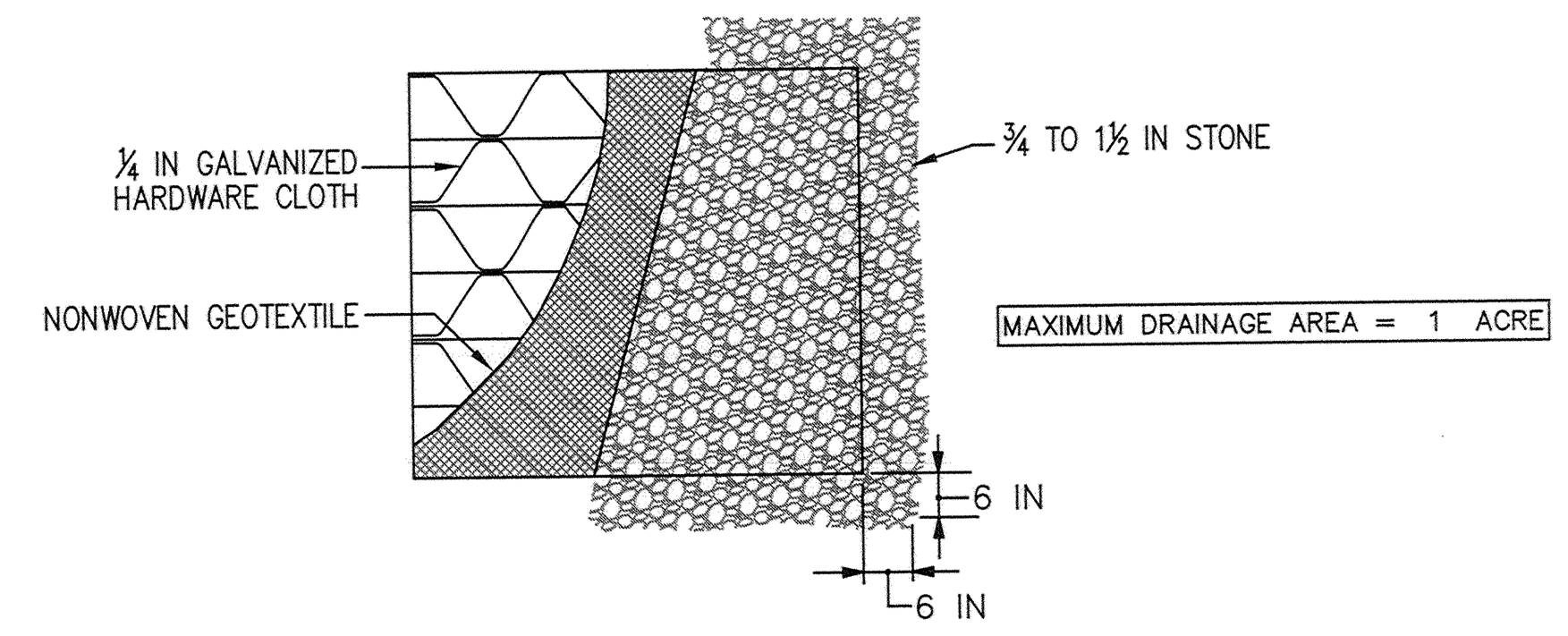


PLAN VIEW

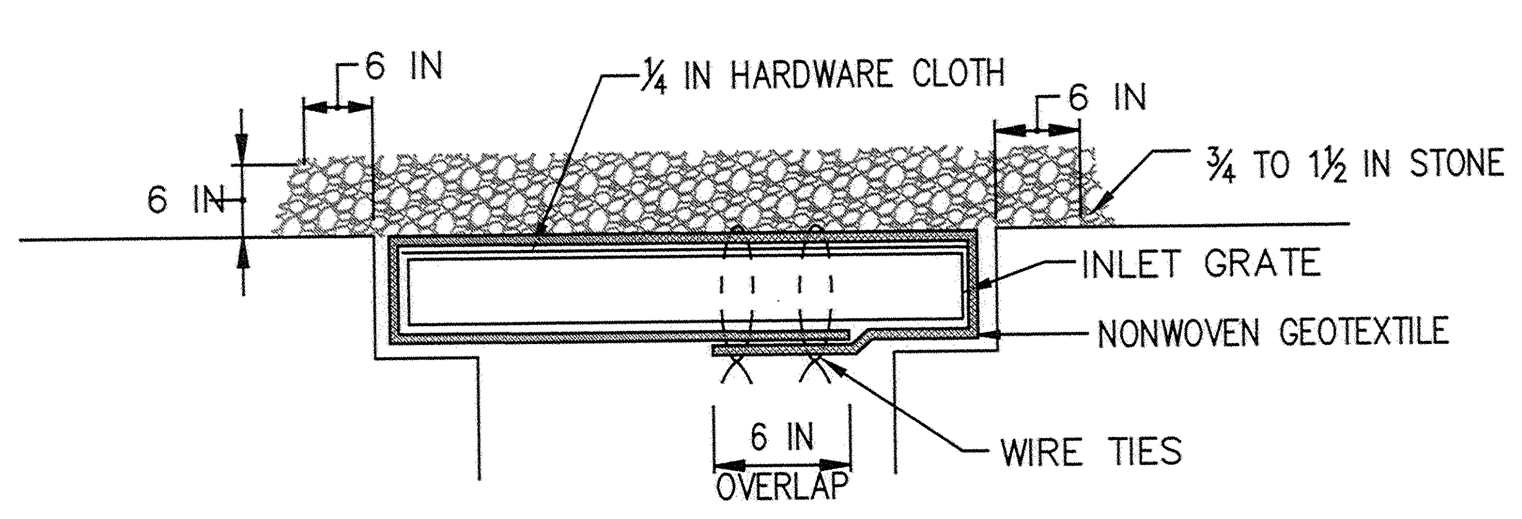
CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN THIS SHEET.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

3 | 1 4 — **STABILIZED CONSTRUCTION ENTRANCE**
NOT TO SCALE



PLAN / CUT AWAY VIEW

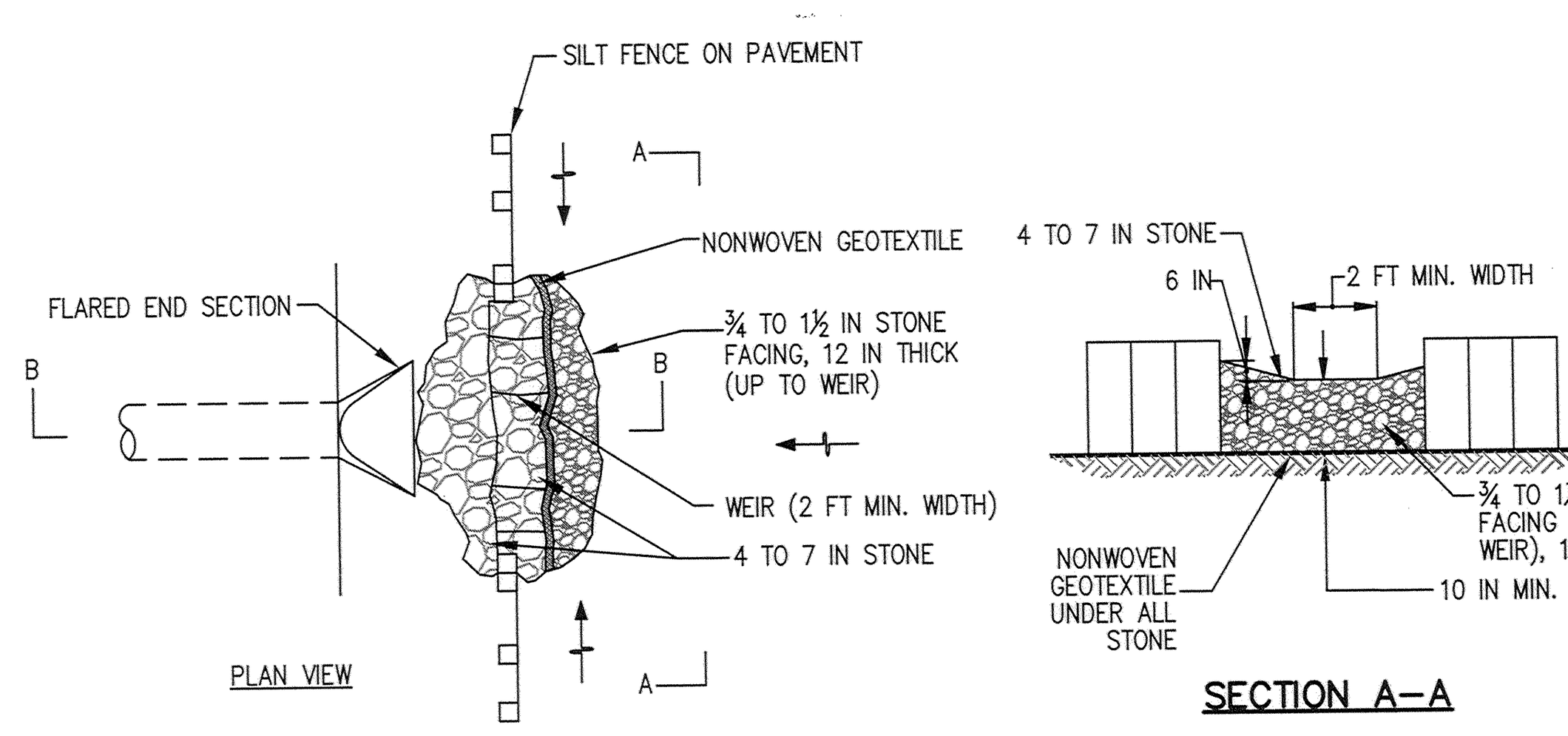


CROSS SECTION

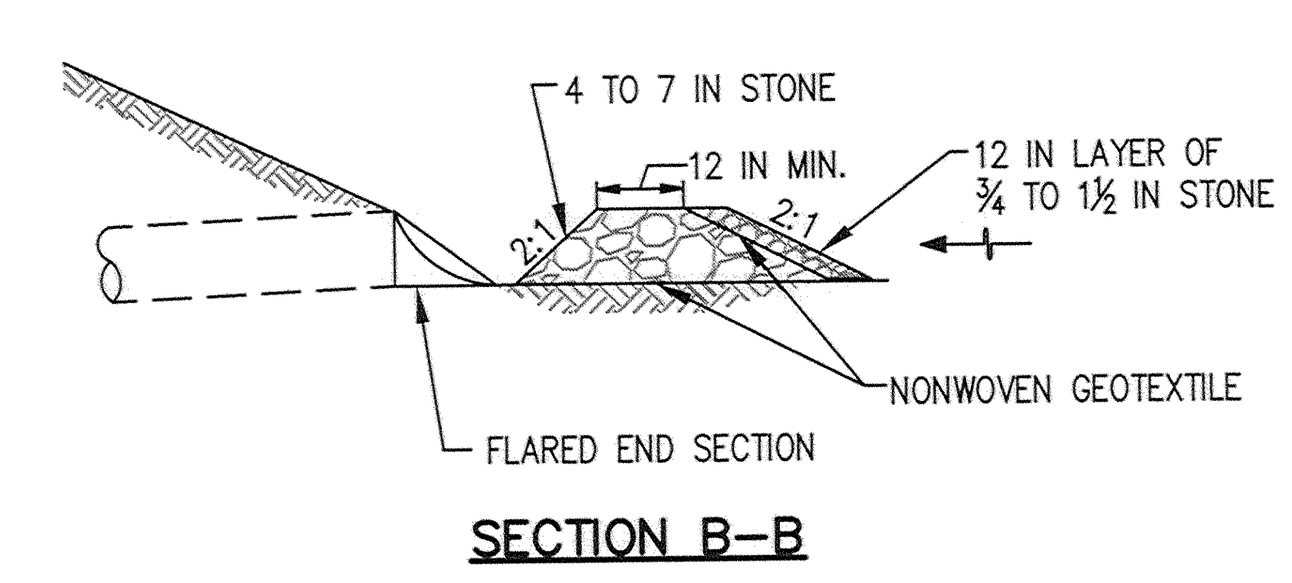
CONSTRUCTION SPECIFICATIONS

1. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN THIS SHEET.
2. LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE.
3. PLACE CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE.
4. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

4 | 1 4 — **AT GRADE INLET PROTECTION**
NOT TO SCALE



SECTION A–A

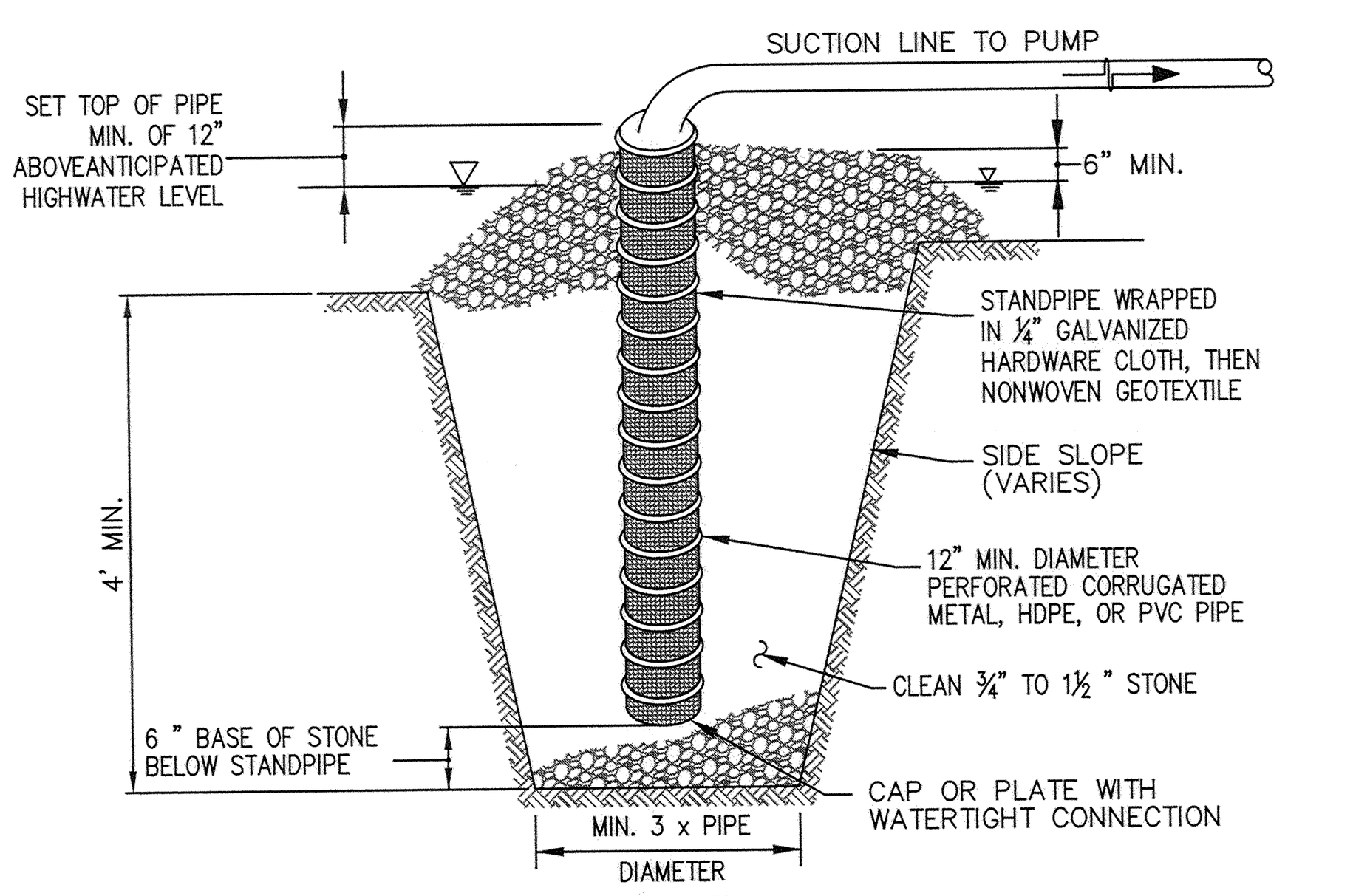


SECTION B–B

CONSTRUCTION SPECIFICATIONS

1. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN THIS SHEET.
2. INSTALL STONE STRUCTURE WITH THE WEIR 10 INCHES ABOVE THE BOTTOM OF THE PAVEMENT AND THE WEIR OPENING 2 FEET MINIMUM. USE CLEAN 4 TO 7 INCH STONE. PLACE NONWOVEN GEOTEXTILE ON THE UPSTREAM FACE AND COVER WITH A 12 INCH THICK LAYER OF CLEAN ¾ TO 1½ INCH STONE.
3. CONSTRUCT SILT FENCE ON PAVEMENT IN ACCORDANCE WITH THE DETAIL IN THIS SHEET.
4. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

5 | 1 4 — **MODIFIED INLET PROTECTION**
NOT TO SCALE

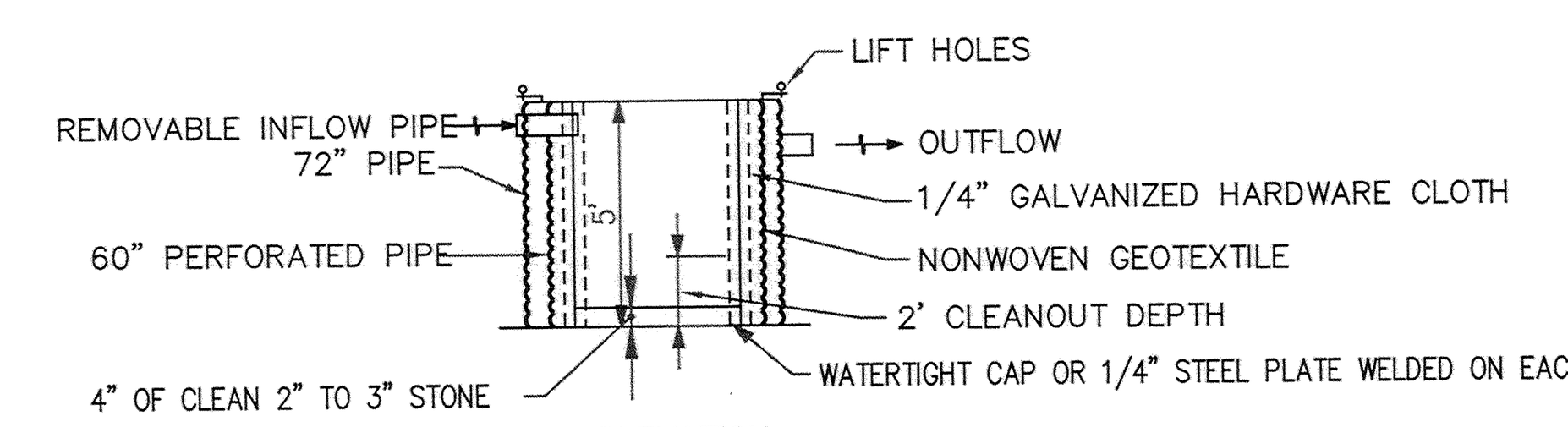


ELEVATION

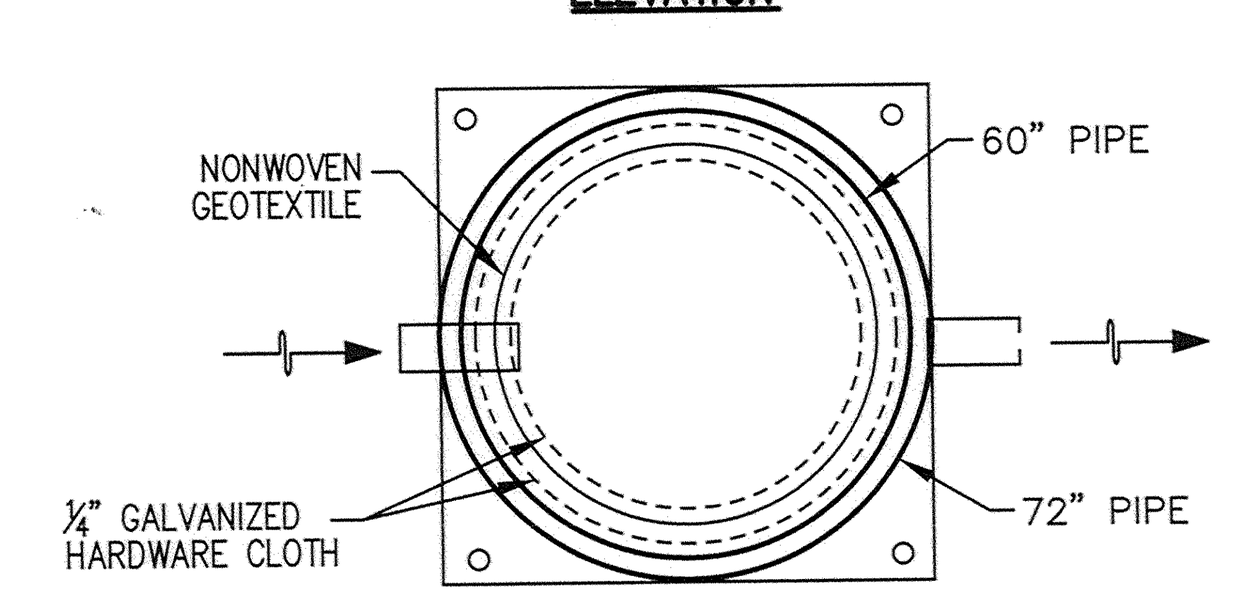
CONSTRUCTION SPECIFICATIONS

1. USE 12 INCH OR LARGER DIAMETER CORRUGATED METAL, HDPE, OR PVC PIPE WITH 1 INCH DIAMETER PERFORATIONS, 6 INCHES ON CENTER. BOTTOM OF PIPE MUST BE CAPPED WITH WATERTIGHT SEAL.
2. WRAP PIPE WITH ¼ INCH GALVANIZED HARDWARE CLOTH AND WRAP NONWOVEN GEOTEXTILE AS SPECIFIED ON THIS SHEET, OVER THE HARDWARE CLOTH.
3. EXCAVATE PIT TO THREE TIMES THE PIPE DIAMETER AND FOUR FEET IN DEPTH. PLACE ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE, 6 INCHES IN DEPTH PRIOR TO PIPE PLACEMENT.
4. SET TOP OF PIPE MINIMUM 12 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
5. BACKFILL PIT AROUND THE PIPE WITH ¾ TO 1½ INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE AND EXTEND STONE A MINIMUM OF 6 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
6. DISCHARGE TO A STABLE AREA AT A NONEROSIVE RATE.
7. A SUMP PIT REQUIRES FREQUENT MAINTENANCE. IF SYSTEM CLOGS, REMOVE PERFORATED PIPE AND REPLACE GEOTEXTILE AND STONE. KEEP POINT OF DISCHARGE FREE OF EROSION.

6 | 1 4 — **SUMP PIT**
NOT TO SCALE



ELEVATION



PLAN VIEW

CONSTRUCTION SPECIFICATIONS

1. PROVIDE 1 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP CAPACITY. REQUIRED STORAGE VOLUME MAY BE ATTAINED BY PLACEMENT OF TANKS IN PARALLEL WITH INFLOW EVENLY DISTRIBUTED AMONG TANKS. OVERTOPPING OF TANKS IS NOT PERMITTED.
2. USE 60 INCH DIAMETER CORRUGATED METAL OR PLASTIC PIPE WITH 1 INCH DIAMETER PERFORATIONS, 6 INCHES ON CENTER FOR THE INNER PIPE. LINE PIPE WITH NONWOVEN GEOTEXTILE, AS SPECIFIED ON THIS SHEET, SANDWICHED BETWEEN, AND ATTACHED TO, ¼ INCH HARDWARE CLOTH.
3. OVERLAP GEOTEXTILE 8 INCHES MINIMUM AT VERTICAL SEAM AND AT THE BOTTOM PLATE.
4. ANCHOR GEOTEXTILE AT BOTTOM OF TANK WITH 4 INCHES OF 2 TO 3 INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE.
5. USE 72 INCH CORRUGATED METAL OR PLASTIC OUTER PIPE WITH PERMANENT OUTFLOW PIPE WITH INVERT LOWER THAN INFLOW PIPE
6. INFLOW PIPE MUST DISCHARGE INTO INNER PIPE AND BE REMOVABLE.
7. PLACE TANK ON LEVEL SURFACE AND DISCHARGE TO A STABLE AREA AT A NONEROSIVE RATE.
8. A PORTABLE SEDIMENT TANK REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT FROM INNER PIPE WHEN IT REACHES TWO FEET IN DEPTH. IF SYSTEM CLOGS, PULL OUT INNER PIPE, REMOVE ACCUMULATED SEDIMENT, AND REPLACE GEOTEXTILE. KEEP POINT OF DISCHARGE FREE OF EROSION.

7 | 1 4 — **PORTABLE SEDIMENT TANK**
NOT TO SCALE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
[signature] 5-31-13
DATE

TETRA TECH

STATE OF MARYLAND — SHIVA KUMAR — PROFESSIONAL ENGINEER — 25855

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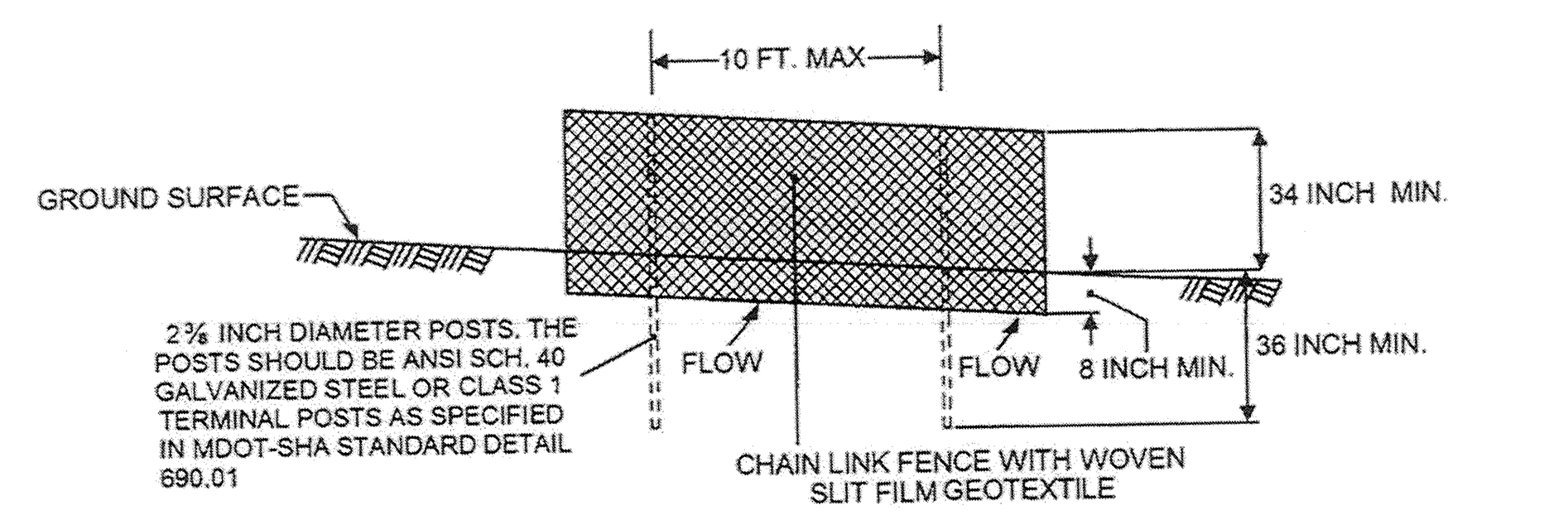
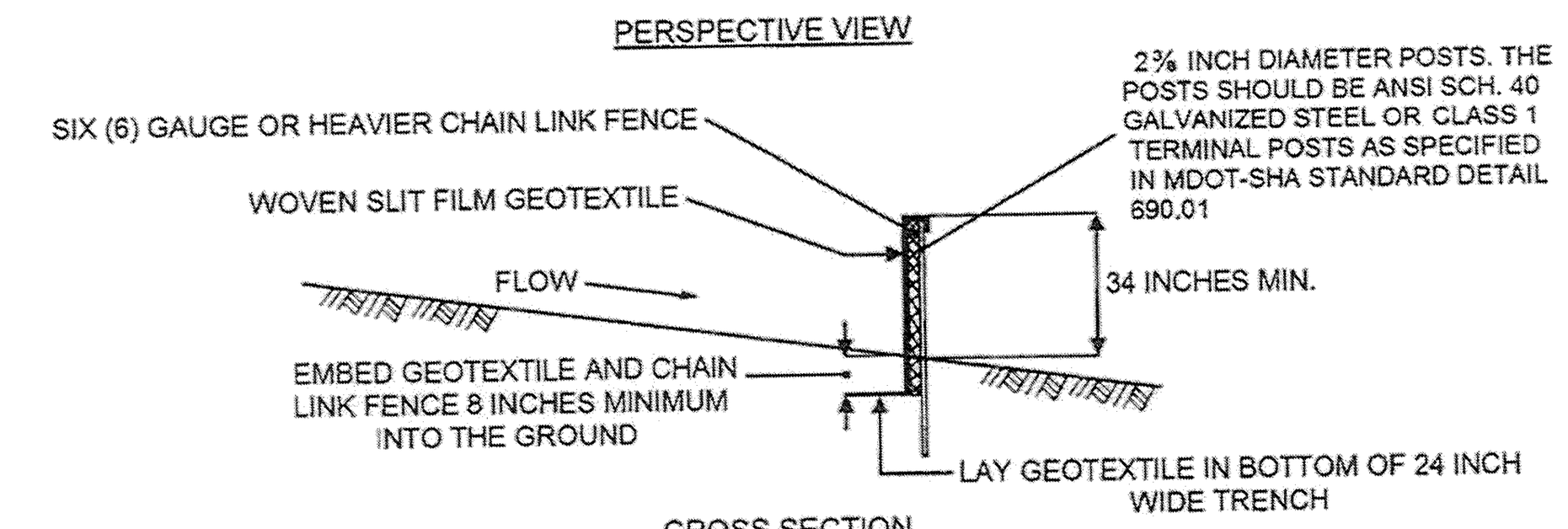
EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	12-18-12
PROJECT NO.:	112IC03835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	C-4
E&SC PLAN DETAILS I	



PERSPECTIVE VIEW

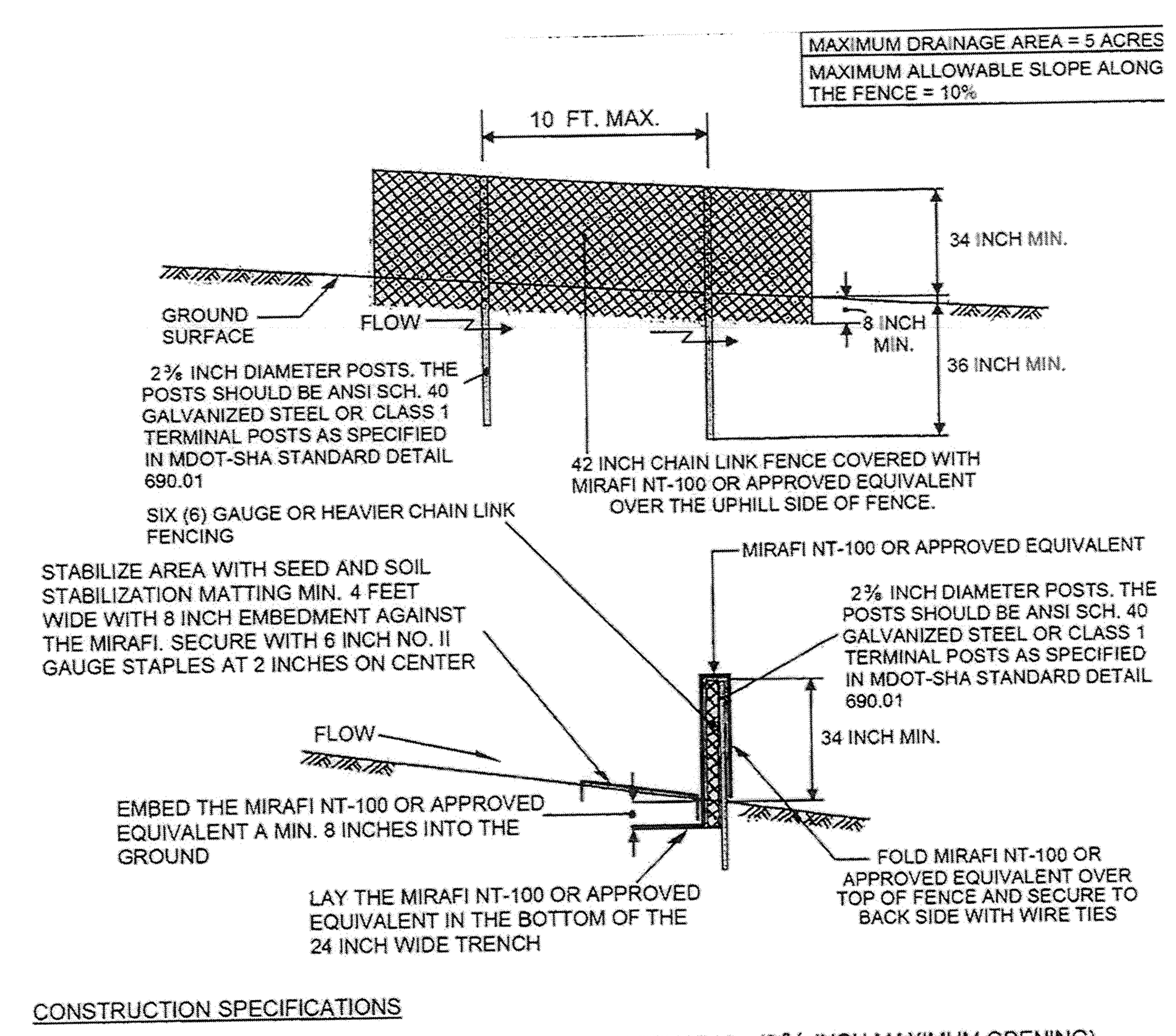


CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. INSTALL 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 6 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2⅜ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H -1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND. LAY THE GEOTEXTILE IN THE BOTTOM OF THE 24 INCH WIDE TRENCH.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BYPASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE UPHILL A MINIMUM OF 3 VERTICAL FEET TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
6. PROVIDE MANUFACTURERS CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H - 1 MATERIALS.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF THE FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

1 | 2 5 — **MODIFIED SUPER SILT FENCE (SSF)**
NOT TO SCALE

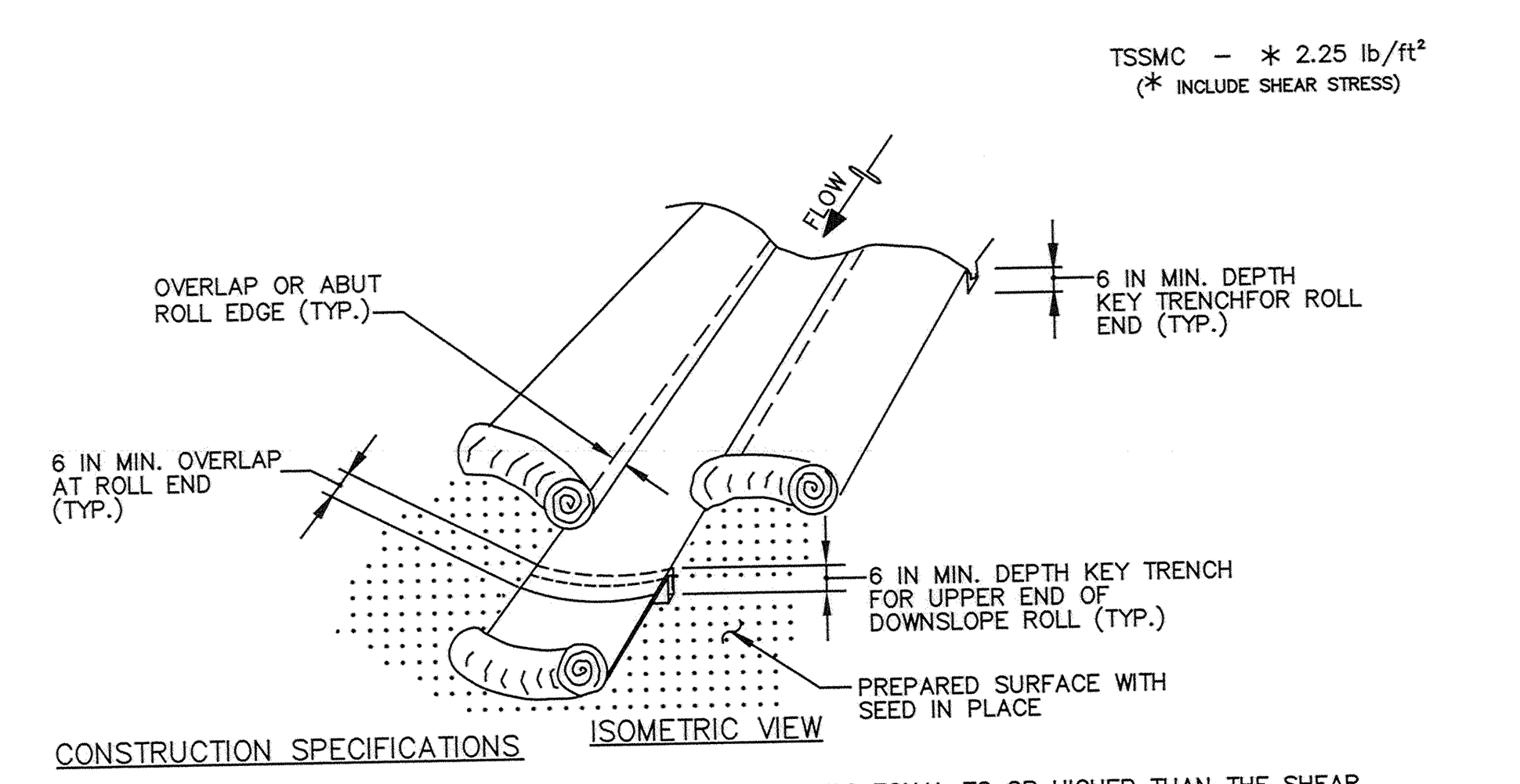


CONSTRUCTION SPECIFICATIONS

1. USE 42 INCH HIGH, 6 GAUGE OR HEAVIER CHAIN LINK FENCING. (2⅜ INCH MAXIMUM OPENING).
2. USE 2⅜ INCH DIAMETER, GALVANIZED STEEL POSTS. THE POSTS SHALL BE SIX FEET IN LENGTH SPACED NO FURTHER THAN TEN FEET APART. THE POSTS DO NOT NEED TO BE SET IN CONCRETE.
3. FASTEN CHAIN LINK FENCE SECURELY TO THE FENCE POSTS WITH WIRE TIES.
4. SECURE THE MIRAFI NT-100 OR APPROVED EQUIVALENT TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, 18 INCHES BELOW THE TOP AND BELOW THE GROUND.
5. FLOW CHANNEL TO BE STABLIZED WITH SEED AND SOIL STABILIZATION MATTING A MINIMUM OF 4 FEET WIDE. EMBED THE ENDS OF THE MATTING A MINIMUM OF 8 INCHES INTO THE GROUND. THE SOIL STABILIZATION MATTING SHALL HAVE A SHEAR STRESS RATING OF 2.25 LB./FT.
6. WHEN TWO SECTIONS OF MIRAFI ADJOIN EACH OTHER, OVERLAP BY 6 INCHES AND FOLD WITH SEAM FACING DOWNGRADE.
7. KEEP FLOW SURFACE ALONG THE FENCE AND POINT OF DISCHARGE FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE. REPLACE MIRAFI FABRIC IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

2 | 2 5 — **MODIFIED SUPER FENCE DIVERSION (SFD)**
NOT TO SCALE

TSSMC — ∗ 2.25 lb/ft²
(∗ INCLUDE SHEAR STRESS)

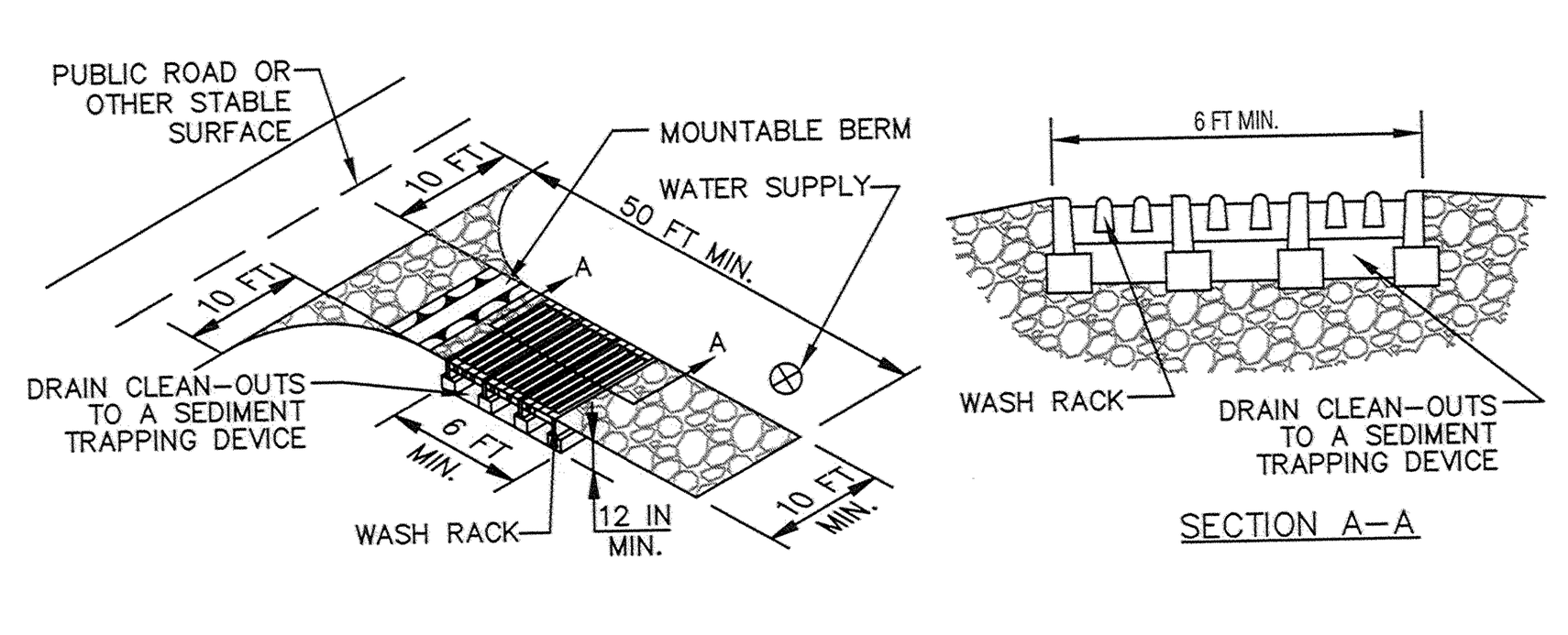


ISOMETRIC VIEW

CONSTRUCTION SPECIFICATIONS

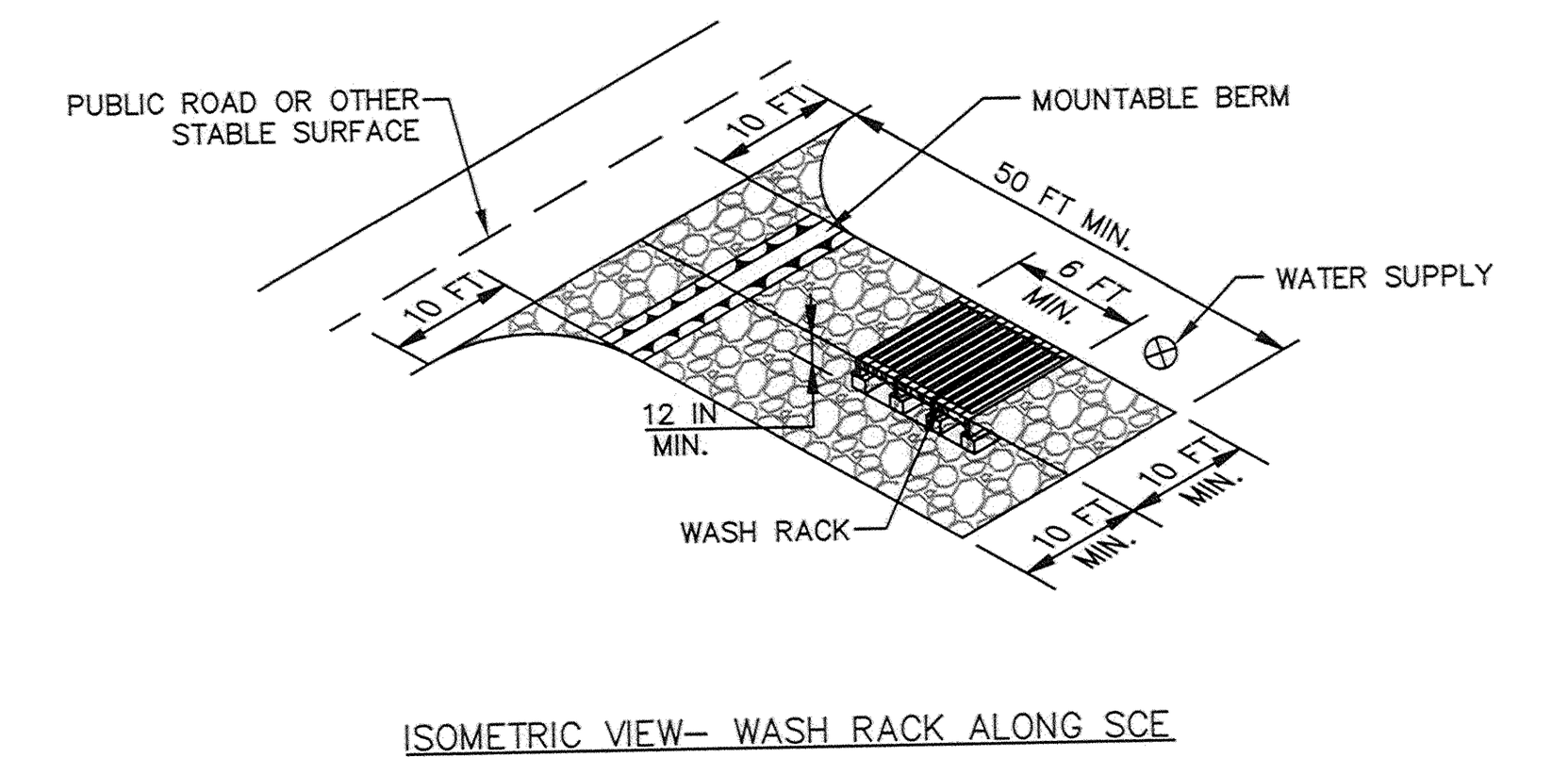
1. USE MATTING THAT HAS A DESIGN VALUE FOR SHEAR STRESS EQUAL TO OR HIGHER THAN THE SHEAR STRESS DESIGNATED ON APPROVED PLANS.
2. USE TEMPORARY SOIL STABILIZATION MATTING MADE OF DEGRADABLE (LASTS 6 MONTHS MINIMUM) NATURAL OR MAN-MADE FIBERS (MOSTLY ORGANIC). MAT MUST HAVE UNIFORM THICKNESS AND DISTRIBUTION OF FIBERS THROUGHOUT AND BE SMOLDER RESISTANT. CHEMICALS USED IN THE MAT MUST BE NON-LEACHING AND NON-TOXIC TO VEGETATION AND SEED GERMINATION AND NON-INJURIOUS TO THE SKIN. IF PRESENT, NETTING MUST BE EXTRUDED PLASTIC WITH A MAXIMUM MESH OPENING OF 2x2 INCHES AND SUFFICIENTLY BONDED OR SEWN ON 2 INCH CENTERS ALONG LONGITUDINAL AXIS OF THE MATERIAL TO PREVENT SEPARATION OF THE NET FROM THE PARENT MATERIAL.
3. SECURE MATTING USING STEEL STAPLES, WOOD STAKES, OR BIODEGRADABLE EQUIVALENT. STAPLES MUST BE "U" OR "T" SHAPED STEEL WIRE HAVING A MINIMUM GAUGE OF NO. 11 AND NO. 8 RESPECTIVELY. "U" SHAPED STAPLES MUST AVERAGE 1 TO 1½ INCHES WIDE AND BE A MINIMUM OF 6 INCHES LONG. "T" SHAPED STAPLES MUST HAVE A MINIMUM 8 INCH MAIN LEG, A MINIMUM 1 INCH SECONDARY LEG, AND A MINIMUM 4 INCH HEAD. WOOD STAKES MUST BE ROUGH-SAWN HARDWOOD, 12 TO 24 INCHES IN LENGTH, 1x3 INCH IN CROSS SECTION, AND WEDGE SHAPED AT THE BOTTOM.
4. PERFORM FINAL GRADING, TOPSOIL APPLICATION, SEEDBED PREPARATION, AND PERMANENT SEEDING IN ACCORDANCE WITH SPECIFICATIONS. PLACE MATTING WITHIN 48 HOURS OF COMPLETING SEEDING OPERATIONS UNLESS END OF WORKDAY STABILIZATION IS SPECIFIED ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
5. UNROLL MATTING IN DIRECTION OF WATER FLOW, CENTERING THE FIRST ROLL ON THE CHANNEL CENTERLINE. WORK FROM CENTER OF CHANNEL OUTWARD WHEN PLACING ROLLS. LAY MAT SMOOTHLY AND FIRMLY ON THE SEEDED SURFACE. AVOID STRETCHING THE MATTING.
6. KEY-IN UPSTREAM END OF EACH MAT ROLL BY DIGGING A 6 INCH (MINIMUM) TRENCH AT THE UPSTREAM END OF THE MATTING, PLACING THE ROLL END IN THE TRENCH, STAPLING THE MAT IN PLACE, REPLACING THE EXCAVATED MATERIAL, AND TAMPING TO SECURE THE MAT END.
7. OVERLAP OR ABUT THE ROLL EDGES PER MANUFACTURER RECOMMENDATIONS. OVERLAP ROLL ENDS BY 6 INCHES (MINIMUM), WITH THE UPSTREAM MAT OVERLAPPING ON TOP OF THE NEXT DOWNSTREAM MAT.
8. STAPLE/STAKE MAT IN A STAGGERED PATTERN ON 4 FOOT (MAXIMUM) CENTERS THROUGHOUT AND 2 FOOT (MAXIMUM) CENTERS ALONG SEAMS, JOINTS, AND ROLL ENDS.
9. ESTABLISH AND MAINTAIN VEGETATION SO THAT REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION.

3 | 2 5 — **TEMPORARY SOIL STABILIZATION MATTING CHANNEL APPLICATION**
NOT TO SCALE



ISOMETRIC VIEW – WASH RACK IN SCE

SECTION A–A

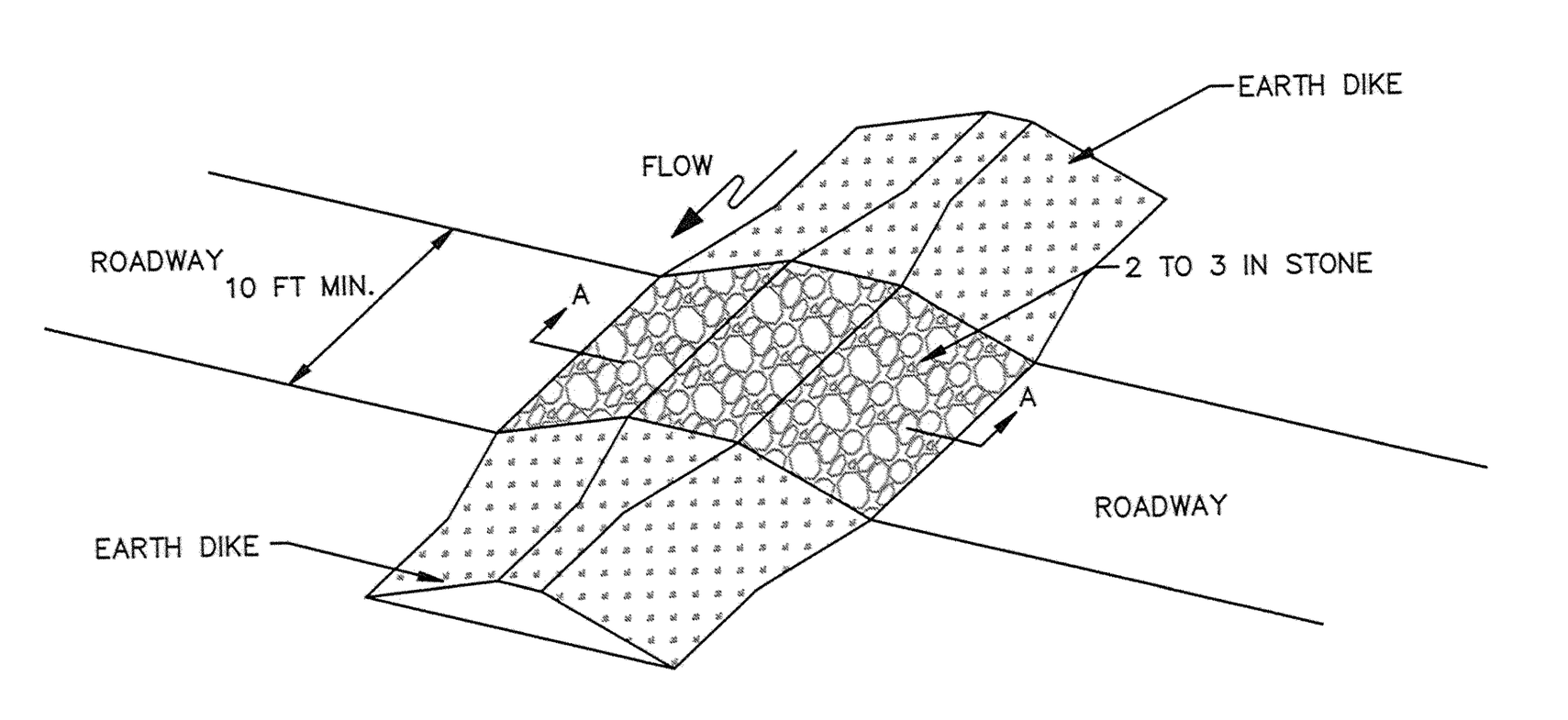


ISOMETRIC VIEW– WASH RACK ALONG SCE

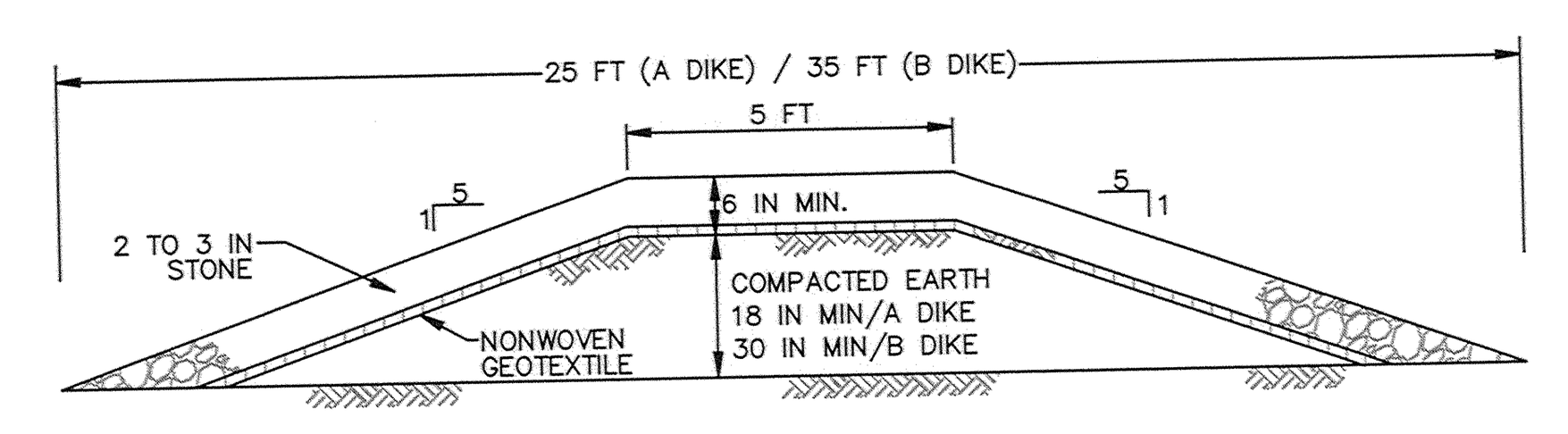
CONSTRUCTION SPECIFICATIONS

1. USE A WASH RACK DESIGNED AND CONSTRUCTED/MANUFACTURED FOR THE ANTICIPATED TRAFFIC LOADS. CONCRETE, STEEL, OR OTHER MATERIALS ARE ACCEPTABLE. PRE-FABRICATED UNITS SUCH AS CATTLE GUARDS ARE ACCEPTABLE. USE MINIMUM DIMENSION OF 6 FEET x 10 FEET. ORIENT DIRECTION OF RIBS AS SHOWN ON THE DETAIL.
2. INSTALL PRIOR TO, ALONG SIDE OF, OR AS PART OF THE SCE.
3. DIRECT WASH WATER TO AN APPROVED SEDIMENT TRAPPING DEVICE.
4. KEEP AREA UNDER WASH RACK FREE OF ACCUMULATED SEDIMENT. IF DAMAGED, REPAIR OR REPLACE WASH RACK.

6 | – 5 — **WASH RACK OPTION**
NOT TO SCALE



ISOMETRIC VIEW

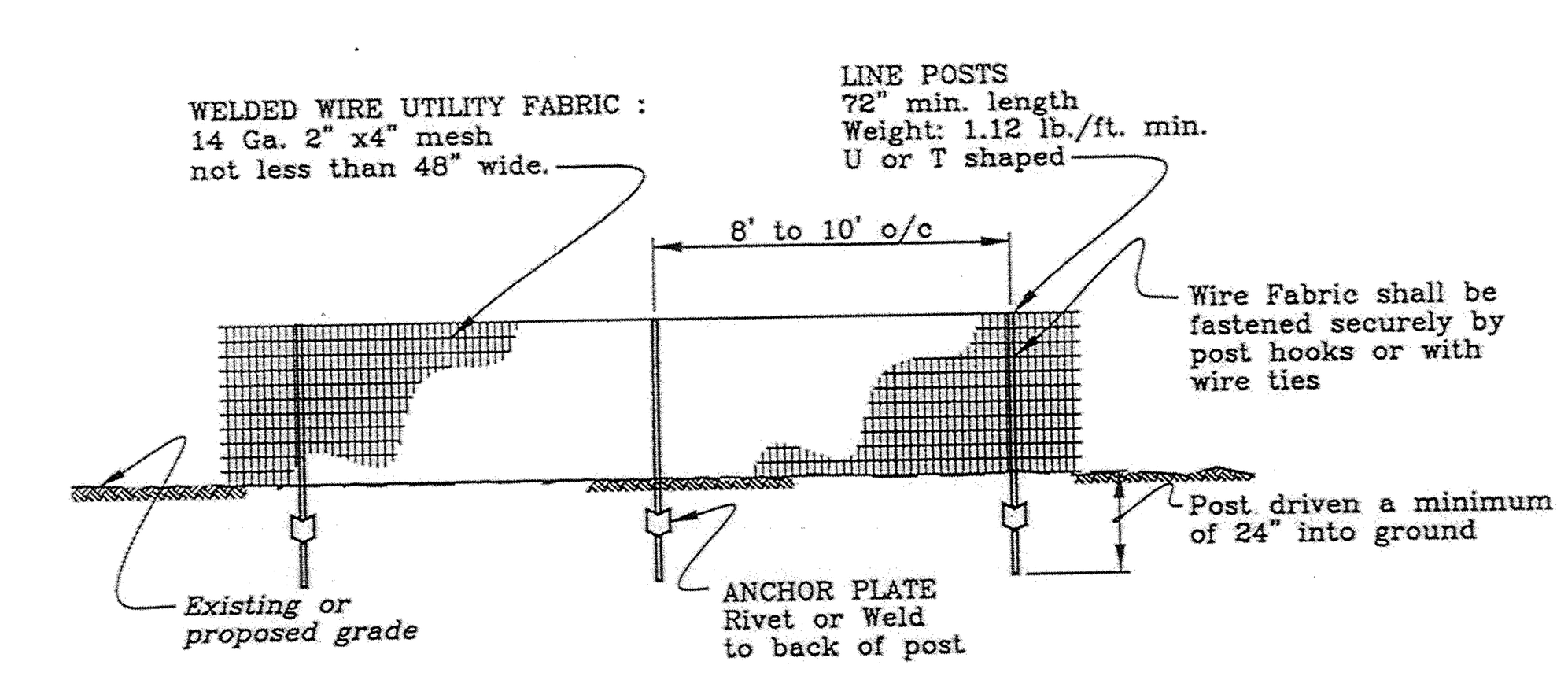


SECTION A–A

CONSTRUCTION SPECIFICATIONS

1. USE MINIMUM WIDTH OF 10 FEET TO ALLOW FOR VEHICULAR PASSAGE.
2. PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SHEET C-4, OVER THE EARTH MOUND PRIOR TO PLACING STONE.
3. PLACE 2 TO 3 INCH STONE OR EQUIVALENT RECYCLED CONCRETE AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE MOUNTABLE BERM.
4. MAINTAIN LINE, GRADE, AND CROSS SECTION. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN SPECIFIED DIMENSIONS. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE.

5 | 1 5 — **MOUNTABLE BERM (MB)**
NOT TO SCALE



4 | 2 5 — **TEMPORARY SAFETY FENCE**
NOT TO SCALE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
[signature] 5·31·13
DATE

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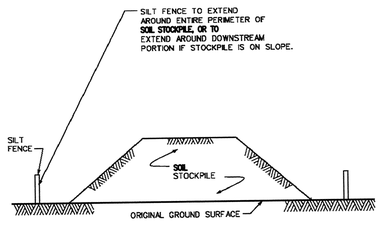
STATE OF MARYLAND — SHIVA KUMAR — PROFESSIONAL ENGINEER 25855

MARK	DATE	DESCRIPTION	BY
1	02/01/13	REVISION PER BALTIMORE SCD COMMENTS	YL
2	03/28/13	REVISION PER BALTIMORE SCD COMMENTS	YL

EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

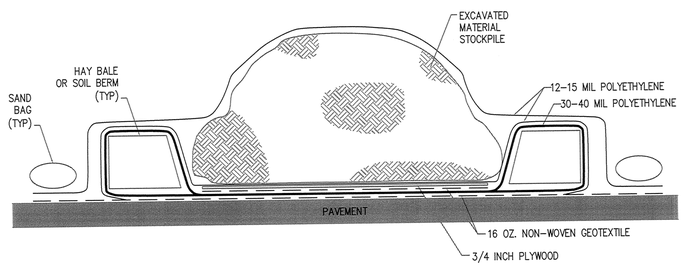
DATE:	12-18-12
PROJECT NO.:	112IC03835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	C-5
E&SC PLAN DETAILS II	



CONSTRUCTION SPECIFICATIONS

1. THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE CLEARLY INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN.
2. THE FOOTPRINT OF THE STOCKPILE MUST BE SIZED TO ACCOMMODATE THE ANTICIPATED VOLUME OF MATERIAL AND BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.
3. RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL PRACTICE.
4. ACCESS THE STOCKPILE AREA FROM THE UPGRADE SIDE.
5. CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A DIVERSION DEVICE SUCH AS AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE. PROVISIONS MUST BE MADE FOR DISCHARGING CONCENTRATED FLOW IN A NON-EROSIVE MANNER.
6. WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN APPROPRIATE EROSION/SEDIMENT CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE.
7. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT AS WELL AS STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION.
8. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LINER SHOULD BE PROVIDED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

1 | 16 **SOIL STOCKPILE (SS)**
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. ALL EXCAVATED MATERIAL WILL BE COVERED IN INCLEMENT WEATHER, END OF WORKING DAY, OR WHEN NOT IN USE. MATERIAL WILL BE COVERED UNTIL REMOVED FROM SITE.
2. ALL EXCAVATED MATERIAL NOT DIRECTLY LOADED INTO TRUCKS WILL BE PLACED IN THE EXCAVATED MATERIALS STOCKPILE WITHIN THE LIMITS OF DISTURBANCE.

a. A CONTINUOUS 30-40 MIL POLYETHYLENE LINER SHALL COVER THE BOTTOM AREA OF THE EXCAVATED MATERIALS STOCKPILE. 3/4 INCH PLYWOOD WILL BE PLACED ABOVE THE POLYETHYLENE LINER. A 12-15 MIL POLYETHYLENE SHEET WILL BE USED TO COVER THE STOCKPILE.

b. AN 18 INCH HIGH SOIL BERM CONSTRUCTED WITH IMPORTED CLEAN SOIL, OR HAY BALE BARRIER, SHALL BE PLACED ON THE BOTTOM LINER AND THE LINER FOLDED OVER INTO THE STOCKPILE AREA TO PREVENT FLOW FROM INSIDE THE STOCKPILE AREA FROM EXITING THE STOCKPILE AREA.

c. IF THE BERM IS CONSTRUCTED WITH SOIL THE HEIGHT OF BERM WILL BE 18 INCHES WITH CREST WIDTH OF 1 FOOT AND 1.5H:1V SIDE SLOPES.

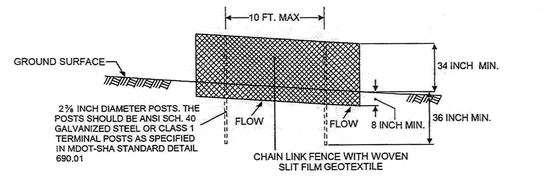
d. CAUTION SHOULD BE TAKEN NOT TO RIP OR TEAR THE BOTTOM LINER WHEN HANDLING OR REMOVING MATERIAL.

e. THE MATERIAL WILL BE PLACED ON THE LINER INSIDE THE EXCAVATED MATERIALS STOCKPILE AREA. STOCKPILE SLOPES WILL NOT BE STEEPER THAN 2:1. STOCKPILE WILL BE COVERED WITH A 12-15 MIL POLYETHYLENE TARP AND SECURED WITH SANDBAGS.

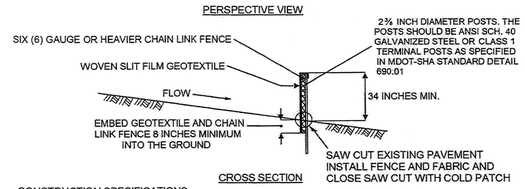
f. ALL EXCAVATED MATERIAL WILL BE REMOVED FROM THE SITE AS SOON AS POSSIBLE OR WITHIN 90 DAYS.

g. ALL EXCAVATED MATERIALS WILL BE DISPOSED OF ACCORDING TO EPA STANDARDS AND SPECIFICATIONS FOR CONTAMINATED OR PCB-CONTAMINATED MATERIALS, AS APPROPRIATE.

2 | 16 **EXCAVATED MATERIAL SOIL STOCKPILE (EMSS)**
NOT TO SCALE



PERSPECTIVE VIEW



CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. INSTALL 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 6 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2⅜ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H -1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND. LAY THE GEOTEXTILE IN THE BOTTOM OF THE 24 INCH WIDE TRENCH.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BYPASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE UPHILL A MINIMUM OF 3 VERTICAL FEET TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
6. PROVIDE MANUFACTURERS CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H - 1 MATERIALS.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF THE FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

3 | – 6 **SUPER SILT FENCE FOR PAVED AREAS OPTION (SSFPA)**
NOT TO SCALE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
5-31-13
DATE

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STATE OF MARYLAND — SEHNA KURTALIC — 25955 — PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
1	02/01/13	REVISION PER BALTIMORE SCD COMMENTS	YL
2	03/28/13	REVISION PER BALTIMORE SCD COMMENTS	YL

EROSION & SEDIMENT CONTROL PLAN
BLOCKS E, G & I
GROUNDWATER REMEDIAL DESIGN
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	12-18-12
PROJECT NO.:	112IC03835
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	SK
SHEET:	C-6

E&SC PLAN DETAILS III

MARYLAND AVIATION ADMINISTRATION SEEDING SPECIFICATIONS

REFERENCES TO ITEM #S NOTED BELOW ARE FOUND IN MARYLAND AVIATION ADMINISTRATION'S MANUAL ENTITLED SPECIFICATIONS FOR PERFORMING LANDSCAPING ACTIVITIES FOR THE MARYLAND AVIATION ADMINISTRATION DATED JANUARY 2008.

ITEM 903 SEEDING

DESCRIPTION

903–1.1 GENERAL. This item provides specifications for seeding of areas as designated on plans or as directed by the MAA Engineer. The species, mixtures, and methods of application provided in this item have been designed to reduce the attractiveness of airport grounds to wildlife. Only MAA–approved species, mixtures, and rates of application provided in this item may be used to establish vegetation. All activities associated with seeding including soil preparation, seed application, fertilization, and maintenance shall also conform to these approved standards.

MATERIALS

903–2.1 SEED. All seed shall comply with the Maryland Seed Law (Agricultural Article of the Annotated Code of Maryland). Only MAA–approved species, mixtures, and rates of application provided in this item may be used to establish vegetation. Seed will be sampled and tested by an inspector from the Turf and Seed Section, Maryland Department of Agriculture (MDA), Annapolis, Maryland. All lawn and turf seed and mixtures shall be free from the following state–listed restricted noxious weeds:

corn cockle (Agrostemma githago),
bentgrass (Agrostis spp.), [4]
redtop (Agrostis gigantea), [1]
wild onion (Allium canadense),
wild garlic (Allium vineale),
bindweed (Calstegia spp.),
dodder (Cuscuta spp.),
Bermuda grass (Cynodon dactylon),
orchardgrass (Dactylis glomerata), [1]
tall fescue (Festuca arundinacea),
meadow fescue (Festuca pratensis), [1]
velvetgrass (Holcus lanatus),
annual bluegrass (Poa annua),
rough bluegrass (Poa trivialis), [1]
timothy (Phleum pratense), and
Johnson grass (Sorgum halepense).

[4] THESE SPECIES MAY BE INCLUDED AS A LABELED COMPONENT OF A MIXTURE WHEN EACH IS PRESENT IN EXCESS OF FIVE PERCENT OF THE MIXTURE BY WEIGHT.

Restricted noxious–weed seed may not exceed 0.5 percent by weight of any seed mixture. In addition, all seeds sold in Maryland shall be free from the following listed prohibited noxious weeds: balloonvine (Cardiospermum halicacabum), quackgrass (Elytrigia repens), sicklepod (Senna obtusifolia), sorghum (Sorghum spp.), Canada thistle (Cirsium arvense), plumeless thistle (Carduus spp.–includes musk thistle and curled thistle), and serrated tussock (Nassella trichotoma).

903–2.1.1 APPROVED SPECIES. The following table contains species that are approved by MAA for use in seed mixtures. Purity requirements and germination requirements are also provided.

APPROVED PLANT SPECIES
MAA SEED MIXTURES

	PURITY [a] NOT LESS THAN %	MINIMUM % GERMINATION	PURE LIVE SEED FACTOR
CERTIFIED TURF–TYPE TALL FESCUE (Festuca arundinacea)	98	90	1.13
CERTIFIED KENTUCKY BLUE GRASS (Poa pratensis)	90	80	1.39
FOWL BLUEGRASS (Poa Palustris)	90	80	1.39
HARD FESCUE (Festuca longifolia)	98	90	1.13
CHEWING RED FESCUE (Festuca rubra commutata)	98	90	1.13
ANNUAL RYEGRASS (Lolium multiflorum)	95	85	1.24
PERENNIAL RYEGRASS (Lolium perenne)	90	80	1.37
CREEPING BENTGRASS (Agrostis Stolonifera)	90	80	1.39
SWITCHGRASS (Panicum Virgatum)	90	80	1.39
LITTLE BLUESTEM (Andropogon scoparius)	62	94	1.71

a THE PERCENTAGE WEIGHT OF PURE SEED PRESENT SHALL BE FREE OF ANY AGRICULTURE SEEDS, INERT MATTER, AND OTHER SEEDS DISTINGUISHABLE BY THEIR PERCENTAGE.

b THE PERCENTAGE OF GERMINATION SHALL BE ACTUAL SPROUTS AND SHALL NOT INCLUDE HARD SEEDS UNLESS SOECIFICALLY PERMITTED BY THE MAA ENGINEER.

903–2.1.2 PURITY. All seed shall be free of all state–designated noxious weeds listed in Paragraph 2.1.1 and conform to MAA specifications. To ensure compliance, MAA requires sampling and testing of seed by the Turf and Seed Section, Maryland Department of Agriculture (MDA). The Contractor shall furnish the MAA Engineer with duplicate signed copies of a statement by the Turf and Seed Section certifying that each lot of seed has been laboratory tested within six months of date of delivery. This statement shall include the following information:

– name and address of laboratory,
– date of test,
– lot number,
– the results of tests as to name, percentages of purity and of germination,
– percentage of weed content for the seed furnished,
– and, in the case of a mixture, the proportions of each kind of seed.

Seed shall be furnished in standard containers with the seed name, lot number, net weight, percentages of purity, germination rate and hard seed, and percentage of maximum weed seed content clearly marked. All seed containers shall be tagged with a MDA supervised mix program seed tag.

903–2.1.3 MIXTURES AND APPLICATION RATES. Only seed mixtures and application rates described in this item may be used unless otherwise approved by the MAA Engineer. Seed mixtures shall meet criteria detailed in Paragraph 903–2.1.2. Seed mixtures have been formulated to minimize the attractiveness of areas to wildlife of common landscape scenarios. The appropriate seed mixture for application will be designated based on environmental conditions and may vary from site to site. All planting rates listed are in pounds of Pure Live Seed (PLS) per acre.

Seed mixtures, application scenarios, and rates for permanent cool–season grasses are as follows:

a. Seed Mixture No. 1 – relatively flat areas (grade less than 4:1) subject to normal conditions and regular mowing (Application rate = 234 lbs PLS/acre);
b. Seed Mixture No. 2 – sloped areas (grade greater than 4:1) not subject to regular mowing (Application rate = 115 lbs PLS/acre); and
c. Seed Mixture No. 3 – wetlands and their associated buffer zones (Application rate = 131 lbs PLS/acre).

Seed Mixture No. 1: Relatively flat areas regularly mowed and exposed to normal conditions (Application rate = 234 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
85%	Certified Turf–Type Tall Fescue	192
10%	Certified Kentucky Bluegrass	28
5%	Perennial Ryegrass	14
Supplemental Seed		
Annual Ryegrass		25

Seed Mixture No. 2: Sloped areas not subject to regular mowing (Application rate = 115 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
75%	Hard Fescue	85
20%	Chewings Fescue	23
5%	Kentucky Bluegrass	7
Supplemental Seed		
Redtop		3

Seed Mixture No. 3: Wetland areas and their associated buffer zones (Application rate = 131 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
60%	Creeping Bentgrass	83
30%	Fowl Bluegrass	34
10%	Switchgrass	14
Supplemental Seed		
Redtop		3

903–2.1.4 SEEDING SEASONS. Application of seed and seed mixtures shall occur within a specified seeding season unless otherwise approved by the MAA Engineer. No seed or seed mixtures are to be applied on frozen ground or when the temperature is at or below 35 degrees Farenheit (7.2 degrees Centigrade). Under these conditions, a layer of mulch should be applied in accordance with item 905, Mulching, to stabilize the site, and permanent seeding should occur in the subsequent seeding season. Seed application may occur during the seeding season dates listed below. Seeding performed after October 20 should be a temporary cover of annual ryegrass and followed by overseeding of the appropriate seed mixture during the spring seeding season.

SEEDING SEASONS

PERMANENT COOL–SEASON GRASSES	MARCH 1 TO APRIL 20 AND AUGUST 1 TO OCTOBER 20, INLCUSIVE.
TEMPORARY COVER OF ANNUAL RYE/REDTOP	MARCH 1 TO APRIL 30 AND AUGUST 1 TO NOVEMBER 30, INCLUSIVE.
TEMPORARY COVER OF WARM–SEASON GRASSES (LITTLE BLUESTEM ONLY)	MAY 1 TO JULY 31, INCLUSIVE. RATE OF APPLICATION SHOULD BE 13.6 LBS. PLS PER ACRE.

Seeding seasons are based on typical years and can be subject to variation, which may be modifided by the MAA Engineer based on seasonal trends.

If the time required to complete any of the operations necessary under this item, within the specified planting season or any authorized extensions thereof, extends beyond the Contract period, then such time will be charged against the Contract time, and liquidated damages will be enforced with respect to this portion of work.

903–2.2 LIME. Lime shall consist of ground limestone and contain at least 85 percent total carbonates. Lime shall be ground to a fineness so that at least 90 percent will pass through a No. 20 mesh sieve and 50 percent will pass through a No. 100 mesh sieve. Dolomitic lime or a high magnesium lime shall contain at least 10 percent magnesium oxide. Lime shall be applied by approved methods detailed in Section 903–3.3 of this item. The rate of application will be based on results of soil tests.

903–2.3 FERTILIZER. Fertilizer shall be standard commercial fertilizer (supplied separately or in mixtures) and meet the requirements of applicable state and federal laws (O–F–241) as well as standards of the Association of Official Agricultural Chemists. Nitrogen–Phosphorus–Potassium (N–P–K) concentrations shall be determined from analysis of soil samples. Methods of fertilizer application shall conform to standards described in Section 903–3.3 of this item. Fertilizer shall be furnished in standard containers that are clearly labeled with name, weight, and guaranteed analysis of the contents (percentage of total nitrogen, available phosphoric acid, and water–soluble potash). Mixed fertilizers shall not contain any hydrated lime or cyanamide compounds. Fertilizers failing to meet the specified analysis may be approved by the MAA Engineer, providing sufficient materials are applied to conform with the specified nutrients per unit of measure without additional cost to MAA.

The fertilizers may be supplied in the following forms:

a. A dry, free–flowing fertilizer suitable for application by a common fertilizer spreader;

b. A finely ground fertilizer soluble in water, suitable for application by power sprayers; or

c. A granular or pellet form suitable for application by blower equipment.

The rate of application will be based on results of soil tests performed by the University of Maryland Soil Testing Laboratory. By law, persons applying fertilizer to State–owned land shall follow the recommendations of the University of Maryland as set forth in the "Plant Nutrient Recommendations Based on Soil Tests for Turf Maintenance" and the "Plant Nutrient Recommendations Based on Soil Tests for Sod Production". Application of the fertilizer shall be in a manner that is consistent with the recommendations of the University of Maryland Cooperative Extension.

CONSTRUCTION METHODS AND EQUIPMENT

903–3.1 GENERAL. This section provides approved methods for the application of and includes standards for seedbed preparation, methods of application, and equipment to be used during the process. Lime and fertilizer shall be applied to seeded areas before the seed is spread. The mixture of seed will be determined for sites based on environmental conditions as described in Paragraph 903–2.1.3.

903–3.2 ADVANCE PREPARATION. Areas designated for seeding shall be properly prepared in advance of seed application. The area shall be tilled and graded prior to application of lime and fertilizer, and the surface area shall be cleared of any stones larger than 1 inch in diameter, sticks, stumps, and other debris that might interfere with sowing of seed, growth of grasses, or subsequent maintenance of grass–covered areas. Damage caused by erosion or other forces that occur after the completion of grading shall be repaired prior to the application of fertilizer and lime. The Contractor will repair such damage, which may include filling gullies, smoothing irregularities, and repairing other incidental damage before beginning the application of fertilizer and ground limestone.

If an area to be seeded is sparsely sodded, weedy, barren and unworked, or packed and hard, all grass and weeds shall first be cut or otherwise satisfactorily disposed of, and the soil then scarified or otherwise loosened to a depth not less than 5 inches (125 mm). Clods shall be broken and the top 3 inches (75 mm) of soil shall be worked into a satisfactory condition by discing or by use of cultipackers, rollers, drags, harrows, or other appropriate means.

An area to be seeded shall be considered a satisfactory seedbed (without requiring additional treatment) if it has recently been thoroughly loosened and worked to a depth of not less than 5 inches; the top 3 inches of soil is loose, friable, and is reasonably free from large clods, rocks, large roots, or other undesirable matter; appropriate amounts of fertilizer and lime have been added; and, if it has been shaped to the required grade immediately prior to seeding. For slope areas steeper than 3:1 (three horizontal to one vertical), the subsoil shall be loose to a depth of 1 inch.

After completion of tilling and grading, lime and fertilizer shall be applied within 48 hours according to the specified rate (Paragraphs 903–2.2 and 2.3) and methods (Paragraphs 903–3.3.1 and 903–3.3.2) approved by MAA. The seeding mixture shall be applied within 48 hours after application of lime and fertilizer. To firm the seeded areas, cultipacking shall occur immediately after seeding.

903–3.3 METHODS OF APPLICATION. Lime, fertilizer, and seed mixes shall be applied by either the dry or wet application methods that have been approved by MAA and are detailed below.

903–3.3.1 DRY APPLICATION METHOD

a. Liming. If soil test results indicate that lime is needed, the following procedures will be used: following advance preparation of the seedbed, lime shall be applied prior to the application of any fertilizer or seed and only on seedbeds that have been prepared as described in paragraph 903–3.2. The lime shall be uniformly spread and worked into the top 2 inches of soil, after which the seedbed shall be properly graded again.

b. Fertilizing. Following advance preparations (and liming if necessary), fertilizer shall be spread uniformly at the specified rate to provide no less than the minimum quantity stated in Paragraph 903–2.3.

c. Seeding. Seed mixtures shall be sown immediately after fertilization of the seedbed. The fertilizer and seed shall be lightly raked to a depth of 1 inch for newly graded and disturbed areas.

d. Rolling. After the seed has been properly covered, the seedbed shall be immediately compacted using a cultipacker or an approved lawnroller.

903–3.3.2 WET APPLICATION METHOD/HYDROSEEDING

A. GENERAL. THE CONTRACTOR MAY ELECT TO APPLY SEED AND FERTILIZER AS PER PARAGRAPHS C AND D OF THIS SECTION IN THE FORM OF AN AQUEOUS MIXTURE BY SPRAYING OVER THE PREVIOUSLY PREPARED SEEDBED USING METHODS AND EQUIPMENT APPROVED BY MAA. THE RATES OF APPLICATION SHALL BE AS SPECIFIED IN PARAGRAPHS 903–2.1 THROUGH 903–2.3.

B. SPRAYING EQUIPMENT. THE SPRAYING EQUIPMENT SHALL HAVE A CONTAINER OR WATER TANK EQUIPPED WITH A LIQUID LEVEL GAUGE CAPABLE OF READING INCREMENTS OF 50 GALLONS OR LESS OVER THE ENTIRE RANGE OF THE TANK CAPACITY. THE LIQUID LEVEL GAUGE SHALL BE MOUNTED SO AS TO BE VISIBLE TO THE NOZZLE OPERATOR AT ALL TIMES. THE CONTAINER OR TANK SHALL ALSO BE EQUIPPED WITH A MECHANICAL POWER–DRIVEN AGITATOR CAPABLE OF KEEPING ALL THE SOLIDS IN THE MIXTURE IN COMPLETE SUSPENSION AT ALL TIMES UNTIL USED.

THE SPRAYING EQUIPMENT SHALL ALSO INCLUDE A PRESSURE PUMP CAPABLE OF DELIVERING 100 GALLONS PER MINUTE AT A PRESSURE OF 100 POUNDS PER SQUARE INCH. THE PRESSURE PUMP ASSEMBLAGE SHALL BE CONFIGURED TO ALLOW THE MIXTURE TO FLOW THROUGH THE TANK WHEN NOT BEING SPRAYED FROM THE NOZZLE. ALL PUMP PASSAGES AND PIPELINES SHALL BE CAPABLE OF PROVIDING CLEARANCE FOR 5/8–INCH SOLIDS. THE POWER UNIT FOR THE PUMP AND AGITATOR SHALL HAVE CONTROLS MOUNTED SO AS TO BE ACCESSIBLE TO THE NOZZLE OPERATOR. A PRESSURE GAUGE SHALL BE CONNECTED TO AND MOUNTED IMMEDIATELY BEHIND THE NOZZLE.

THE NOZZLE PIPE SHALL BE MOUNTED ON AN ELEVATED SUPPORTING STAND IN SUCH A MANNER THAT IT CAN BE ROTATED THROUGH 360 DEGREES HORIZONTALLY AND INCLINED VERTICALLY FROM AT LEAST 20 DEGREES BELOW TO AT LEAST 60 DEGREES ABOVE THE HORIZONTAL. THERE SHALL BE A QUICK–ACTING, THREE–WAY CONTROL VALVE CONNECTING THE RECIRCULATING LINE TO THE NOZZLE PIPE AND MOUNTED SO THAT THE NOZZLE OPERATOR CAN CONTROL AND REGULATE THE AMOUNT OF FLOW OF MIXTURE TO BE SUPPLIED SO THAT MIXTURES MAY BE PROPERLY SPRAYED OVER A DISTANCE VARYING FROM 20 FEET TO 100 FEET. ONE SHALL BE A CLOSE–RANGE RIBBON NOZZLE, ONE A MEDIUM–RANGE RIBBON NOZZLE, AND ONE A LONG–RANGE JET NOZZLE. FOR EASE OF REMOVAL AND CLEANING, ALL NOZZLES SHALL BE CONNECTED TO THE NOZZLE PIPE BY MEANS OF QUICK–RELEASE COUPLINGS. IN ORDER TO REACH AREAS INACCESSIBLE TO THE REGULAR EQUIPMENT, AN EXTENSION HOSE AT LEAST 50 FEET IN LENGTH SHALL BE PROVIDED TO WHICH THE NOZZLES MAY BE CONNECTED.

C. MIXTURES. LIME SHALL BE APPLIED SEPARATELY IN THE QUANTITY SPECIFIED, PRIOR TO THE FERTILIZING AND SEEDING OPERATIONS. LIME SHOULD BE ADDED TO AND MIXED WITH WATER AT A CONCENTRATION NOT TO EXCEED 220 POUNDS OF LIME FOR EVERY 100 GALLONS OF WATER. AFTER LIME HAS BEEN APPLIED, THE TANK SHOULD BE EMPTIED AND RINSED WITH FRESH WATER. SEED AND FERTILIZER SHALL BE MIXED TOGETHER IN THE RELATIVE PROPORTIONS SPECIFIED, BUT THE RESULTING CONCENTRATION SHOULD NOT EXCEED 220 POUNDS OF MIXTURE PER 100 GALLONS OF WATER AND SHOULD BE APPLIED WITHIN 30 MINUTES TO PREVENT FERTILIZER BURN OF THE SEEDS.

ALL WATER USED SHALL BE OBTAINED FROM FRESH WATER SOURCES AND SHALL BE FREE FROM INJURIOUS CHEMICALS AND OTHER TOXIC SUBSTANCES HARMFUL TO PLANT LIFE. BRACKISH WATER SHALL NOT BE USED AT ANY TIME. THE CONTRACTOR SHALL IDENTIFY ALL SOURCES OF WATER TO THE MAA ENGINEER AT LEAST TWO WEEKS PRIOR TO USE. THE ENGINEER MAY TAKE SAMPLES OF THE WATER AT THE SOURCE OR FROM THE TANK AT ANY TIME AND HAVE A LABORATORY TEST THE SAMPLES FOR CHEMICAL AND SALINE CONTENT. THE CONTRACTOR SHALL NOT USE ANY WATER FROM ANY SOURCE THAT IS DISAPPROVED BY THE ENGINEER FOLLOWING SUCH TESTS.

ALL MIXTURES SHALL BE CONSTANTLY AGITATED FROM THE TIME THEY ARE MIXED UNTIL THEY ARE FINALLY APPLIED TO THE SEEDBED. ALL SUCH MIXTURES SHALL BE USED WITHIN 30 MINUTES FROM THE TIME THEY WERE MIXED OR THEY SHALL BE WASTED AND DISPOSED OF AT A LOCATION ACCEPTABLE TO THE ENGINEER.

D. SPRAYING. LIME SHALL BE SPRAYED UPON PREVIOUSLY PREPARED SEEDBEDS ON WHICH THE LIME, IF REQUIRED, SHALL HAVE BEEN WORKED IN ALREADY. THE MIXTURES SHALL BE APPLIED USING A HIGH–PRESSURE SPRAY WHICH SHALL ALWAYS BE DIRECTED UPWARD INTO THE AIR SO THAT THE MIXTURES WILL FALL TO THE GROUND IN A UNIFORM SPRAY. NOZZLES OR SPRAYS SHALL NEVER BE DIRECTED TOWARD THE GROUND IN SUCH A MANNER THAT MIGHT PRODUCE EROSION OR RUNOFF. PARTICULAR CARE SHALL BE EXERCISED TO ENSURE THAT THE APPLICATION IS MADE UNIFORMLY, AT THE PRESCRIBED RATE, AND TO GUARD AGAINST MISSES AND OVERLAPPED AREAS. PREDETERMINED QUANTITIES OF THE MIXTURE SHALL BE USED IN ACCORDANCE WITH SPECIFICATIONS TO COVER SPECIFIED SECTIONS OF KNOWN AREAS. TO CHECKS THE RATE AND UNIFORMITY OF APPLICATION, THE APPLICATOR WILL OBSERVE THE DEGREE OF WETTING OF THE GROUND OR DISTRIBUTE TEST SHEETS OF PAPER OR PANS OVER THE AREA AT INTERVALS AND OBSERVE THE QUANTITY OF MATERIAL DEPOSITED THEREON.

ON SURFACES THAT ARE TO BE MULCHED AS INDICATED BY THE PLANS OR DESIGNATED BY THE MAA ENGINEER, SEED AND FERTILIZER APPLIED BY THE SPRAY METHOD NEED NOT BE RAKED INTO THE SOIL OR ROLLED. HOWEVER, ON SURFACES ON WHICH MULCH IS NOT TO BE USED, THE RAKING AND ROLLING OPERATIONS WILL BE REQUIRED AFTER THE SOIL HAS DRIED.

903–3.4 MAINTENANCE OF SEEDED AREAS. THE CONTRACTOR SHALL PROTECT SEEDED AREAS AGAINST TRAFFIC OR OTHER USE BY WARNING SIGNS OR BARRICADES, AS APPROVED BY THE ENGINEER. SURFACES GULLIED OR OTHERWISE DAMAGED FOLLOWING SEEDING SHALL BE REPAIRED BY REGRADING AND RESEEDING AS DIRECTED. THE CONTRACTOR SHALL MOW, WATER AS DIRECTED, AND OTHERWISE MAINTAIN SEEDED AREAS IN A SATISFACTORY CONDITION UNTIL FINAL INSPECTION AND ACCEPTANCE OF THE WORK.

WHEN EITHER THE DRY OR WET APPLICATION METHOD OUTLINED ABOVE IS USED FOR WORK PERFORMED OUT OF SEASON, THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN OTHERWISE COMPLETED IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF THE COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, PAYMENT FOR THE UNACCEPTED PORTIONS OF THE AREAS SEEDED OUT OF SEASON WILL BE WITHHELD UNTIL SUCH TIME AS THESE REQUIREMENTS HAVE BEEN MET.

ITEM 904 SODDING

DESCRIPTION

904–1 This item provides standards for furnishing, hauling, and placing approved live sod on prepared areas as indicated on site plans. Sod will only be applied to landscape areas and shall be mowed frequently. All sodding activities shall conform to these specifications at the locations shown on site plans or as directed by the MAA Engineer.

MATERIALS

904–2.1 SOD. Sod furnished by the Contractor shall have a good cover of living or growing grass. This includes grass that is seasonally dormant during the cold or dry seasons and capable of renewing growth after the dormant period. All sod shall be obtained from areas in which the soil is reasonably fertile and contains a high percentage of loamy topsoil. Sod shall be cut or stripped from living, thickly matted turf relatively free of weeds or other undesirable foreign plants, large stones, roots, or other materials that might be detrimental to the development of the sod or to future maintenance. Grass sod shall be Maryland–certified or approved and shall comply with the Maryland Sod Law of the Annotated Code of Maryland (Agricultural Article Sections 9–101 through 9–110). Each load of sod shall bear a Maryland State Approved or Certified label at the time of delivery on the job. Sod shall be either: (1) Bluegrass sod containing not less than 80 percent Kentucky bluegrass (Poa pratensis) and not more than 20 percent Red Fescue (Festuca rubra); or (2) certified turf type–tall fescue (Festuca arundinacea) sod containing not less than 80 percent certified turf type–tall fescue (Festuca arundinacea) grass and not more than 20 percent Kentucky Bluegrass (Poa pratensis) and Red Fescue (Festuca rubra). Any vegetation more than 6 inches in height shall be mowed to a height of 3 inches or less before sod is lifted. Sod, including the soil containing the roots and the emergent plant growth, shall be cut uniformly to a thickness not less than that specified in Section 904–3.4.

904–2.2 LIME. Lime shall conform to standards described in Section 903, 'Seeding.'

904–2.3 FERTILIZER. Fertilizers and application methods shall conform to the standards previously described in Section 903, 'Seeding.'

904–2.4 WATER. All water shall conform to the standards previously described in Paragraph 902–2.4, 'Water.'

904–2.5 SOILS FOR REPAIR. All soils for repairs shall conform to the standards previously described in Paragraph 901–2.3, 'Soils for Repair.'

CONSTRUCTION REQUIREMENTS

904–3.1 GENERAL. Areas to be sodded shall be clearly indicated by site plans. Areas requiring special ground surface preparation, such as tilling, and those areas in a satisfactory condition that are to remain undisturbed shall also be shown on the plans.

Suitable equipment necessary for proper preparation of the ground surface and for the handling and placing of all required materials shall be on hand, in good condition, and shall be approved by the MAA Engineer before sodding operations begin. The Contractor shall demonstrate to the MAA Engineer, before starting the various operations, that the application of required materials, such as fertilizer and limestone, will be made at the specified rates.

904–3.2 ADVANCE PREPARATION. If the area to be sodded is sparsely vegetated, weedy, barren and unworked, or packed and hard, all existing herbaceous vegetation shall be removed. The soil shall then be scarified or otherwise loosened to a depth of at least 5 inches (125 mm). Clods shall be pulverized, and the top 3 inches (75 mm) of soil shall be worked into a satisfactory bed by discing or use of cultipackers, rollers, drags, harrows, or other equipment approved by the MAA Engineer. The area shall then be properly graded as indicated by site plans.

After grading of areas is complete and prior to the application of fertilizer and limestone, areas to be sodded shall be raked or otherwise cleared of stones larger than 1 inch in diameter, sticks, stumps, and other debris which might interfere with sodding, growth of grasses, or subsequent maintenance of grass–covered areas. If any damage by erosion or other causes has occurred after grading of areas and before beginning the application of fertilizer and ground limestone, the Contractor shall repair such damage. This may include filling gullies, smoothing irregularities, and repairing other incidental damage.

An area to be sodded will be considered a satisfactory seedbed without requiring additional treatment if it recently has been thoroughly loosened and worked to a depth of at least 5 inches as a result of grading operations and, if immediately prior to sodding, the top 3 inches of soil is loose, friable, reasonably free from large clods, rocks, large roots, or other undesirable matter, and is shaped to the required grade. For slope areas steeper than 3:1 (three horizontal to one vertical) the subsoil shall be loosened to a depth of 1 inch. Lime and fertilizer shall be applied within 48 hours after tilling as described in 903–3.3 and 3.4. The sod shall be applied immediately after the lime and fertilizer have been worked into the soil.

904–3.3 APPLICATION OF FERTILIZER AND LIME. Following ground surface preparation, fertilizer shall be uniformly spread as described in Section 903–3.3 at a rate that will provide at least the minimum quantity of fertilizer required. If the use of ground limestone is specified, it shall be spread as described in Section 903–3.3, 'Methods of Application'; at a rate that will provide at least the minimum quantity of lime required. These materials shall be incorporated into the soil to a depth of at least 2 inches by discing, raking, or other methods approved by the MAA Engineer. Any stones larger than 1 inch in diameter, large clods, roots, and other litter brought to the surface by this operation shall be removed.

904–3.4 OBTAINING AND DELIVERING SOD. The sod shall be well rooted, grown in the State of Maryland, and field grown for a minimum of 12 months. After inspection and approval of the sod by the MAA Engineer, the sod shall be cut with approved sod cutters to such a thickness that after placement on the prepared bed, but before compaction, it shall have a uniform attached soil thickness of at least 0.75 inch. Sod sections or strips shall be cut in uniform widths of at least 14 inches and in lengths of at least 18 inches, but not to lengths that might inhibit placement without breaking, tearing, or loss of soil. Where strips are required, the sod shall be rolled or folded undamaged, with the grass facing inward. The Contractor may be required to mow high grass before cutting sod.

Sod shall be transplanted within 24 hours from the time of harvest unless circumstances beyond the Contractor's control make storage necessary. In such cases, sod shall be stacked, kept moist, protected from exposure to the air and sun, and shall be kept from freezing. Sod shall only be harvested and moved when soil moisture conditions are such that favorable results can be expected. Where soil is too dry, permission to cut sod may be granted only after it has been sufficiently watered to moisten the soil to the depth at which the sod will be cut.

904–3.5 PLACING SOD. Sodding shall only be performed during seasons when satisfactory results can be expected. Frozen sod shall not be used and sod shall not be placed upon frozen soil. Sod may be transplanted during periods of drought with the approval of the MAA Engineer, provided the sod bed is watered to moisten the soil to a depth of at least 4 inches immediately prior to laying the sod.

The sod shall be moist and shall be placed on a bed, prepared according to Paragraphs 904–3.2 'Advance Preparation', and 904–3.3, 'Application of Fertilizer and Lime'by hand. Pitchforks shall not be used to handle sod, and dumping from vehicles shall not be permitted. The sod shall be placed carefully by hand, edge to edge and with staggered joints, in rows at right angles to the slopes, starting at the base of the area to be sodded and working upward. The sod shall immediately be pressed firmly into contact with the soil bed by tamping or rolling with approved equipment to provide a true and even surface, and ensure knitting without displacement of the sod or deformation of the surfaces of sodded areas. Where the sod has been displaced during sodding operations, the workmen replacing it shall work from ladders or treaded planks to prevent further displacement. Where the grades are such that the flow of water will be from paved surfaces across sodded areas, the surface of the soil is the sod after compaction shall be set approximately 1.5 inches below the pavement edge. Where the flow will be over the sodded areas and onto the paved surfaces around manholes and inlets, the surface of the soil in the sod after compaction shall be placed flush with pavement edges.

On slopes steeper than 1:2.5 and in V–shaped or flat–bottom ditches or gutters, the sod shall be secured with wooden pegs at least 18 inches long and a cross–sectional area of at least 0.75–square inch, or by other methods of securing sod approved by the MAA Engineer. The pegs shall be driven flush with the surface of the sod. The pegs shall be of sufficient number and at adequate spacing to secure sod from displacement. The use of sod staples or other means of securing the sod from displacement may be approved by the MAA Engineer provided satisfactory results are expected.

904–3.6 WATERING. Adequate water and watering equipment shall be on hand before sodding begins, and sod shall be kept moist until it has become established and its continued growth assured. In all cases, watering shall be done in a manner that will avoid erosion from the application of excessive quantities and will avoid damage to the finished surface.

904–3.7 ESTABLISHING TURF.

904–3.7.1 GENERAL. The Contractor shall provide general care for the sodded areas as soon as the sod has been laid and shall continue to provide such care until final inspection and acceptance of the work.

904–3.7.2 PROTECTION. All sodded areas shall be protected against traffic or other use by warning signs and barricades approved by the MAA Engineer.

904–3.7.3 MOWING. The Contractor shall mow the sodded areas with approved mowing equipment, depending upon climatic and growth conditions and the needs–for–mowing of specific areas. In the event that weeds or other undesirable vegetation establishes to such an extent that, either cut or uncut, they threaten to smother the sodded species, the weeds shall be mowed and the clippings raked and removed from the area. Spot applications of an appropriate herbicide by a licensed applicator shall be approved by the MAA Engineer to remove invasive species. The appropriate herbicide shall be determined on a case–by–case basis, depending on the location and type of weed.

904–3.7.4 REPAIR. When the surface has become gullied or otherwise damaged during the period covered by this contract, the affected areas shall be repaired to re–establish the grade and the condition of the soil and shall then be re–sodded as specified in Paragraph 904–3.5, 'Placing Sod', at the Contractor's expense.

ITEM 905 MULCHING

DESCRIPTION

905–1.1 GENERAL. This item provides the Contractor with MAA–approved specifications for mulch and the application of mulch including distribution of mulch and securing of mulched areas. Areas to be mulched will be clearly shown on site plans or otherwise designated by the MAA Engineer.

MATERIALS

905–2.1 TYPES OF MULCH. Acceptable mulch shall be composed of the materials listed below or composed of any locally available materials that are similar to those specified and approved by the MAA Engineer. Low–grade, shalely, soiled, partially rotted hay, straw, or other materials unfit for animal consumption will not be acceptable for use as mulch. Straw or other material that is fresh, excessively brittle, or is in such an advanced stage of decomposition as to smother or retard the planted grass, is not acceptable. Clean, weed–free straw may be used. Mulch materials containing matured seed with the potential to establish and be detrimental to the project or the surrounding area is not acceptable.

a. Shredded Hardwood Bark. Shredded hardwood bark shall consist of hardwood tree bark that has been milled and screened to ensure a maximum 4–inch (100–mm) particle size, provide a uniform texture, and be free from sawdust, toxic substances, and other foreign materials.

b. Wood Chips. Wood chips shall be produced by a chipping machine to a size specified by the MAA Engineer. Chips may not have been subjected to any conditions that would shorten their useful life or cause them to lose any of their value as mulch. Wood chips shall be free from bark, leaves, twigs, wood shavings, sawdust, toxic substances, and other foreign material.

c. Wood Cellulose Fiber. Wood cellulose fiber shall consist of a processed wood product with uniform fiber characteristics. The fiber shall be capable of remaining in a uniform suspension under agitation in water and blending with seed, fertilizer, and other additives to form a homogeneous slurry. The fiber shall perform satisfactorily in hydraulic seeding equipment without clogging or damaging the system. The slurry shall contain a green dye to provide easy visual inspection for uniformity of application.

Certification showing that the fiber material conforms to the following specifications shall be provided by the manufacturer:

Wood Cellulose Fiber Requirements	
Particle Length, in. (mm)	Approximately 1/2 (13)
Particle Thickness, in. (mm)	Approximately 1/16 (1.5)
Net dry Weight Content	Minimum as stated on bag
TAPPI* T 509, pH	4.0 to 8.5
Ash Content, TAPPI* Standard T 413, % max	7.0
Water Holding Capacity, % min	90

*Technical Association of Pulp and Paper Industry

The material shall be delivered in packages of uniform net weight of 75 lbs (34 kg) or less and shall be clearly labeled with the name of the manufacturer, net weight, and a supplemental statement of the net weight content.

905–2.2 INSPECTION. Within five days after acceptance of the bid, the Contractor shall provide representative samples of mulch material to be used to the MAA Engineer and identify the source of the material and quantities of mulch materials available. The samples provided may be used as standards with the approval of the MAA Engineer and any materials brought on the site that do not meet these standards may be rejected.

CONSTRUCTION REQUIREMENTS

905–3.1 ADVANCE PREPARATION. Before spreading mulch, all large clods, stumps, stones, brush, roots, and other foreign material shall be removed from the area to be mulched. Mulch shall be applied immediately after seeding unless otherwise specified. The application and spreading of mulch may be by hand methods, blower, or other mechanical methods, provided a uniform covering is obtained.

905–3.2 APPLICATION OF MULCH. The Contractor shall evenly apply mulch materials to areas indicated by site plans or otherwise designated by the MAA Engineer. Cellulose–fiber or wood–pulp mulch shall be applied at the rate of 1,500 pounds (dry weight) per acre. Mulch may be blown on the slopes and use of cutters in the equipment for this purpose will be permitted to the extent that at least 95 percent of the mulch in place on the slope is 6 inches or more in length. When mulch applied by the blowing methods is cut, the loose depth in place shall be 1 to 2 inches. Cellulose fiber or wood–pulp mulch shall be applied as an aqueous mixture by spraying at the rate of 1,500 pounds (dry weight) per acre using spraying equipment approved by the MAA Engineer.

905–3.3 SECURING MULCH. Mulch shall be held in place by light discing, a thin coating of topsoil, pins, stakes, wire mesh, or other methods approved by the MAA Engineer. If the 'peg and string'method is used, the mulch shall be secured with stakes or wire pins driven into the ground on 5–foot centers or less. Binder twine shall be strung between adjacent stakes in straight lines and crossed diagonally over the mulch. The stakes shall be firmly driven nearly flush to the ground to draw the twine down tightly onto the mulch.

905–3.4 MAINTENANCE OF MULCHED AREAS. The Contractor shall care for mulched areas until final acceptance of the project. Care required may consist of providing protection against traffic or other disturbances by placement of warning signs and/or barricades before or immediately after mulching has been completed.

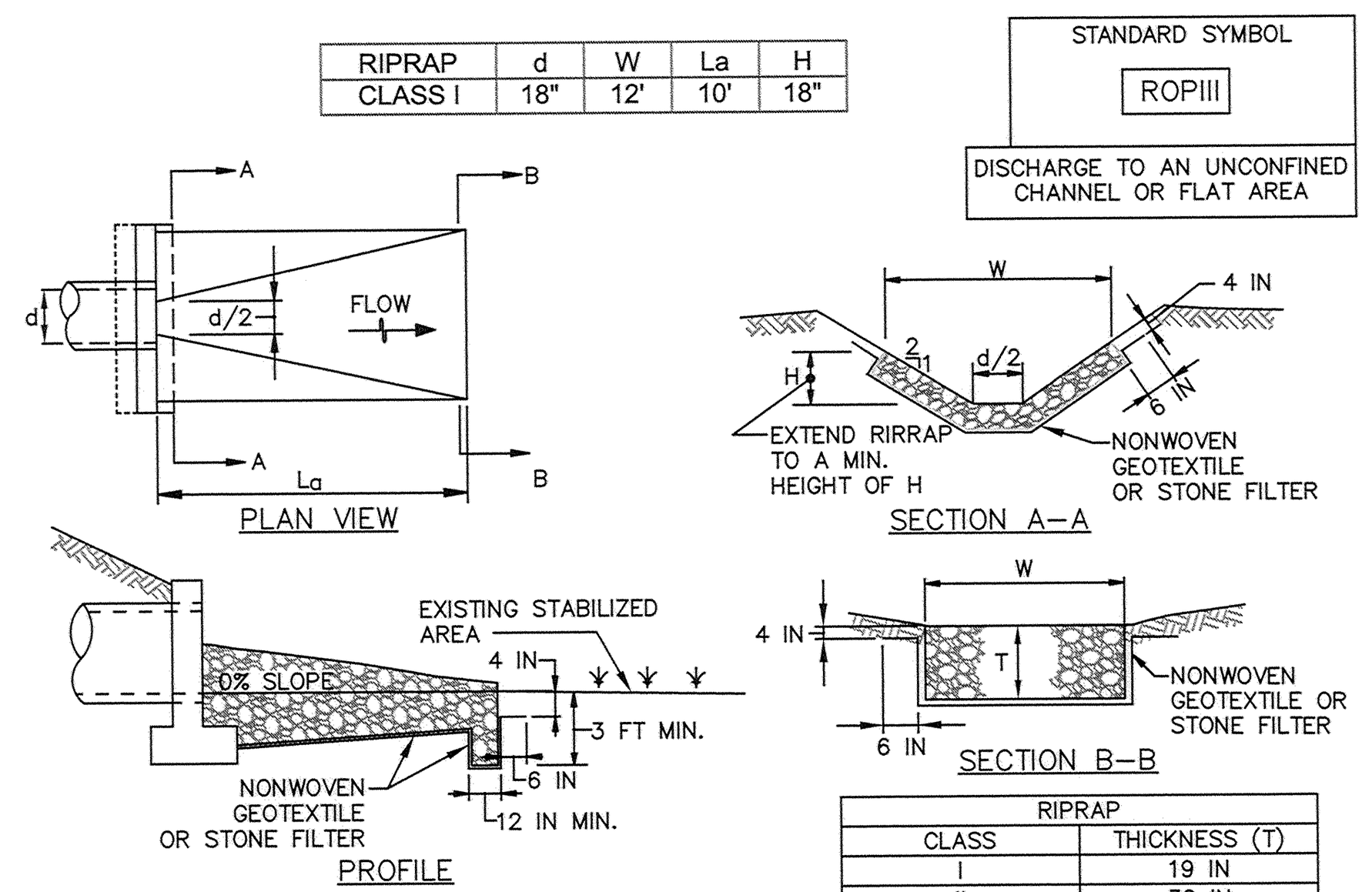
The Contractor may be required to repair or replace any mulching that is defective or becomes damaged before the project is finished and deemed satisfactory by the MAA Engineer. When, in the judgment of the MAA Engineer, defects or damage result from poor workmanship or failure to meet the requirements of the specifications, the cost of the necessary repairs or replacement will be borne by the Contractor. However, once the Contractor has completed the mulching of an area in accordance with the provisions of the specifications and to the satisfa

RIPRAP	d	W	La	H
CLASS I	18"	12'	10'	18"

STANDARD SYMBOL

ROPIII

DISCHARGE TO AN UNCONFINED CHANNEL OR FLAT AREA



RIPRAP	
CLASS	THICKNESS (T)
I	19 IN
II	32 IN
III	46 IN

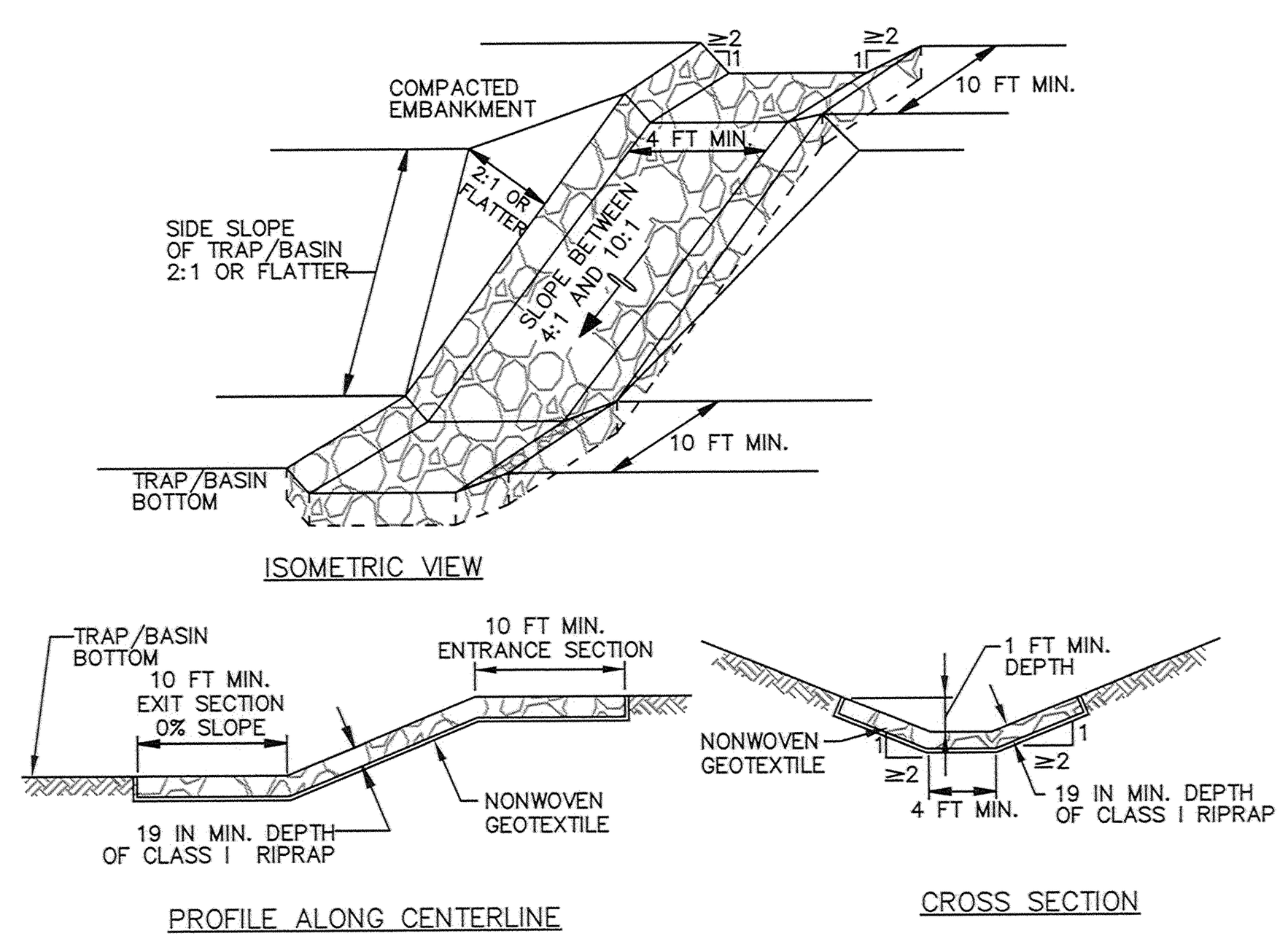
CONSTRUCTION SPECIFICATIONS

1. RIPRAP AND STONE MUST CONFORM TO THE SPECIFIED CLASS.
2. USE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H–1 MATERIALS, AND PROTECT FROM PUNCTURING, CUTTING, OR TEARING. REPAIR ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE. PROVIDE A MINIMUM OF ONE FOOT OVERLAP FOR ALL REPAIRS AND FOR JOINING TWO PIECES OF GEOTEXTILE TOGETHER.
3. PREPARE THE SUBGRADE FOR GEOTEXTILE OR STONE FILTER (⅜ TO 1½ INCH MINIMUM STONE FOR 6 INCH MINIMUM DEPTH) AND RIPRAP TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
4. EXTEND GEOTEXTILE AT LEAST 6 INCHES BEYOND EDGES OF RIPRAP AND EMBED AT LEAST 4 INCHES AT SIDES OF RIPRAP.
5. CONSTRUCT RIPRAP OUTLET TO FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. PLACE STONE FOR RIPRAP OUTLET IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE RIPRAP IN A MANNER TO PREVENT DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE. HAND PLACE TO THE EXTENT NECESSARY.
6. WHERE NO ENDWALL IS USED, CONSTRUCT THE UPSTREAM END OF THE APRON SO THAT THE WIDTH IS TWO TIMES THE DIAMETER OF THE OUTLET PIPE, AND EXTEND THE STONE UNDER THE OUTLET BY A MINIMUM OF 18 INCHES.
7. CONSTRUCT APRON WITH 0% SLOPE ALONG ITS LENGTH AND WITHOUT OBSTRUCTIONS. PLACE STONE SO THAT IT BLENDS IN WITH EXISTING GROUND.
8. MAINTAIN LINE, GRADE, AND CROSS SECTION. KEEP OUTLET FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. AFTER HIGH FLOWS INSPECT FOR SCOUR AND RIPRAP DISLODGED RIPRAP. MAKE NECESSARY REPAIRS IMMEDIATELY.

1 | 5 8 — ROCK OUTLET PROTECTION III
NOT TO SCALE

STANDARD SYMBOL

RRP



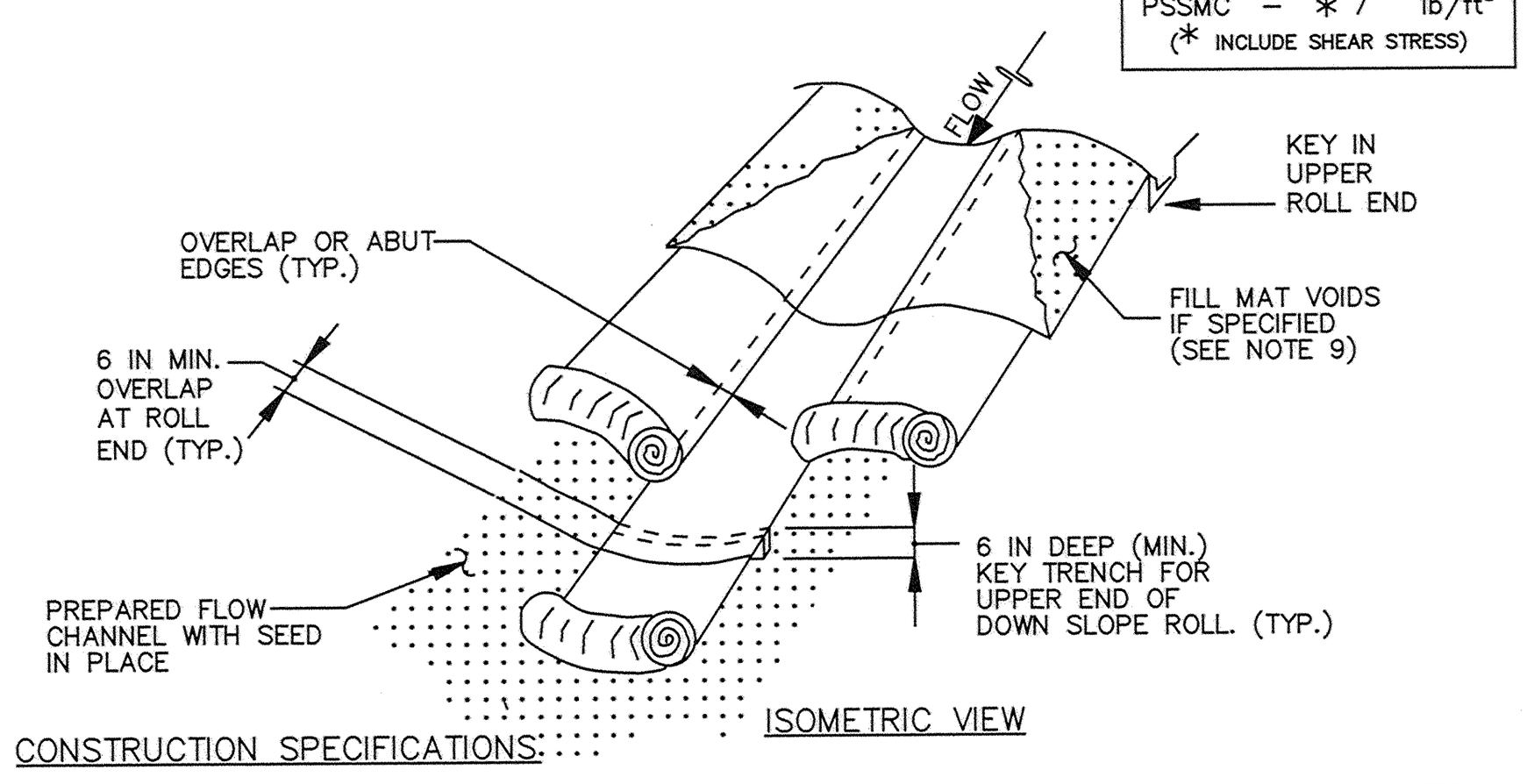
CONSTRUCTION SPECIFICATIONS

1. PROVIDE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H–1 MATERIALS, UNDER THE BOTTOM AND ALONG SIDES OF ALL RIPRAP.
2. CONSTRUCT INFLOW CHANNEL WITH CLASS I RIPRAP OR EQUIVALENT RECYCLED CONCRETE LINING TO A MINIMUM DEPTH OF 19 INCHES (2 x D_{50}) AND A 1 FOOT DEEP FLOW CHANNEL. INFLOW RIPRAP PROTECTION CHANNEL MUST HAVE A TRAPEZOIDAL CROSS SECTION WITH 2:1 OR FLATTER SIDE SLOPES AND A 4 FOOT MINIMUM BOTTOM WIDTH.
3. INSTALL ENTRANCE AND EXIT SECTIONS AS SHOWN ON THE PROFILE.
4. BLEND RIPRAP INTO EXISTING GROUND.
5. MAINTAIN LINE, GRADE, AND CROSS SECTION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. KEEP POINTS OF INFLOW AND OUTFLOW FREE OF EROSION.

2 | 5 8 — RIPRAP INFLOW PROTECTION
NOT TO SCALE

STANDARD SYMBOL

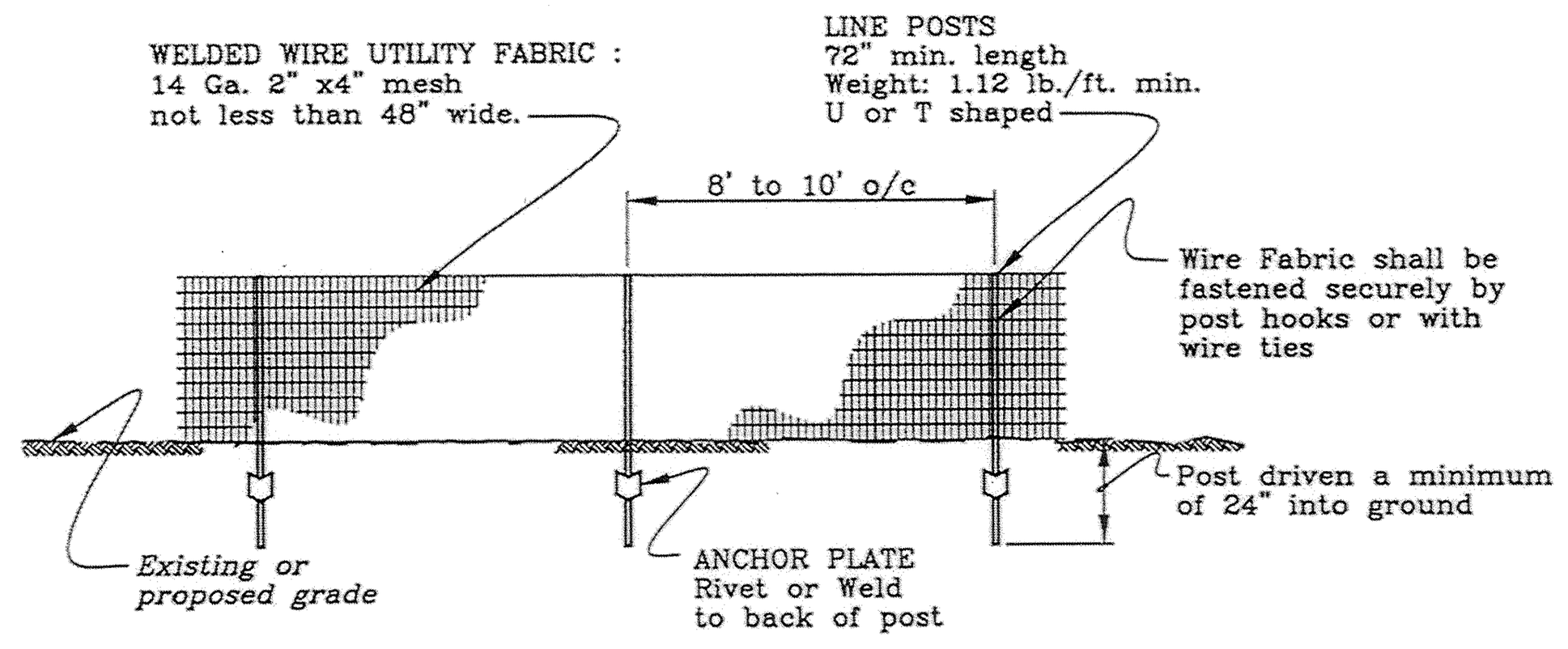
PSSMC – * 7 lb/ft²
(* INCLUDE SHEAR STRESS)



CONSTRUCTION SPECIFICATIONS

1. USE MATTING THAT HAS A DESIGN VALUE FOR SHEAR STRESS EQUAL TO OR HIGHER THAN THE SHEAR STRESS DESIGNATED ON APPROVED PLANS.
2. USE PERMANENT SOIL STABILIZATION MATTING MADE OF OPEN WEAVE SYNTHETIC, NON–DEGRADABLE FIBERS OR ELEMENTS OF UNIFORM THICKNESS AND DISTRIBUTION THROUGHOUT. CHEMICALS USED IN THE MAT MUST BE NON–LEACHING AND NON–TOXIC TO VEGETATION AND SEED GERMINATION AND NON–INJURIOUS TO THE SKIN. IF PRESENT, NETTING MUST BE EXTRUDED PLASTIC WITH A MAXIMUM MESH OPENING OF 2x2 INCHES AND SUFFICIENTLY BONDED OR SEWN ON 2 INCH CENTERS ALONG LONGITUDINAL AXIS OF THE MATERIAL TO PREVENT SEPARATION OF THE NET FROM THE PARENT MATERIAL.
3. SECURE MATTING USING STEEL STAPLES OR WOOD STAKES. STAPLES MUST BE "U" OR "T" SHAPED STEEL WIRE HAVING A MINIMUM GAUGE OF NO. 11 AND NO. 8 RESPECTIVELY. "U" SHAPED STAPLES MUST AVERAGE 1 TO 1½ INCHES WIDE AND BE A MINIMUM OF 6 INCHES LONG. "T" SHAPED STAPLES MUST HAVE A MINIMUM 8 INCH MAIN LEG, A MINIMUM 1 INCH SECONDARY LEG, AND MINIMUM 4 INCH HEAD. WOOD STAKES MUST BE ROUGH–SAWN HARDWOOD, 12 TO 24 INCHES IN LENGTH, 1x3 INCH IN CROSS SECTION, AND WEDGE SHAPE AT THE BOTTOM.
4. PERFORM FINAL GRADING, TOPSOIL APPLICATION, SEEDBED PREPARATION, AND PERMANENT SEEDING IN ACCORDANCE WITH SPECIFICATIONS. PLACE MATTING WITHIN 48 HOURS OF COMPLETING SEEDING OPERATIONS, UNLESS END OF WORKDAY STABILIZATION IS SPECIFIED ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
5. UNROLL MATTING IN DIRECTION OF WATER FLOW, CENTERING THE FIRST ROLL ON THE CHANNEL CENTER LINE. WORK FROM CENTER OF CHANNEL OUTWARD WHEN PLACING ROLLS. LAY MATTING SMOOTHLY AND FIRMLY UPON THE SEEDED SURFACE. AVOID STRETCHING THE MATTING.
6. OVERLAP OR ABUT EDGES OF MATTING ROLLS PER MANUFACTURER RECOMMENDATIONS. OVERLAP ROLL ENDS BY 6 INCHES (MINIMUM), WITH THE UPSTREAM MAT OVERLAPPING ON TOP OF THE NEXT DOWNSTREAM MAT.
7. KEY IN THE TOP OF SLOPE END OF MAT 6 INCHES (MINIMUM) BY DIGGING A TRENCH, PLACING THE MATTING ROLL END IN THE TRENCH, STAPLING THE MAT IN PLACE, REPLACING THE EXCAVATED MATERIAL, AND TAMPING TO SECURE THE MAT END IN THE KEY.
8. STAPLE/STAKE MAT IN A STAGGERED PATTERN ON 4 FOOT (MAXIMUM) CENTERS THROUGHOUT AND 2 FOOT (MAXIMUM) CENTERS ALONG SEAMS, JOINTS, AND ROLL ENDS.
9. IF SPECIFIED BY THE DESIGNER OR MANUFACTURER AND DEPENDING ON THE TYPE OF MAT BEING INSTALLED, ONCE THE MATTING IS KEYED AND STAPLED IN PLACE, FILL THE MAT VOIDS WITH TOP SOIL OR GRANULAR MATERIAL AND LIGHTLY COMPACT OR ROLL TO MAXIMIZE SOIL/MAT CONTACT WITHOUT CRUSHING MAT.
10. ESTABLISH AND MAINTAIN VEGETATION SO THAT REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET IN ACCORDANCE WITH SECTION B–4 VEGETATIVE STABILIZATION.

3 | 3 8 — PERMANENT SOIL STABILIZATION MATTING CHANNEL APPLICATION
NOT TO SCALE

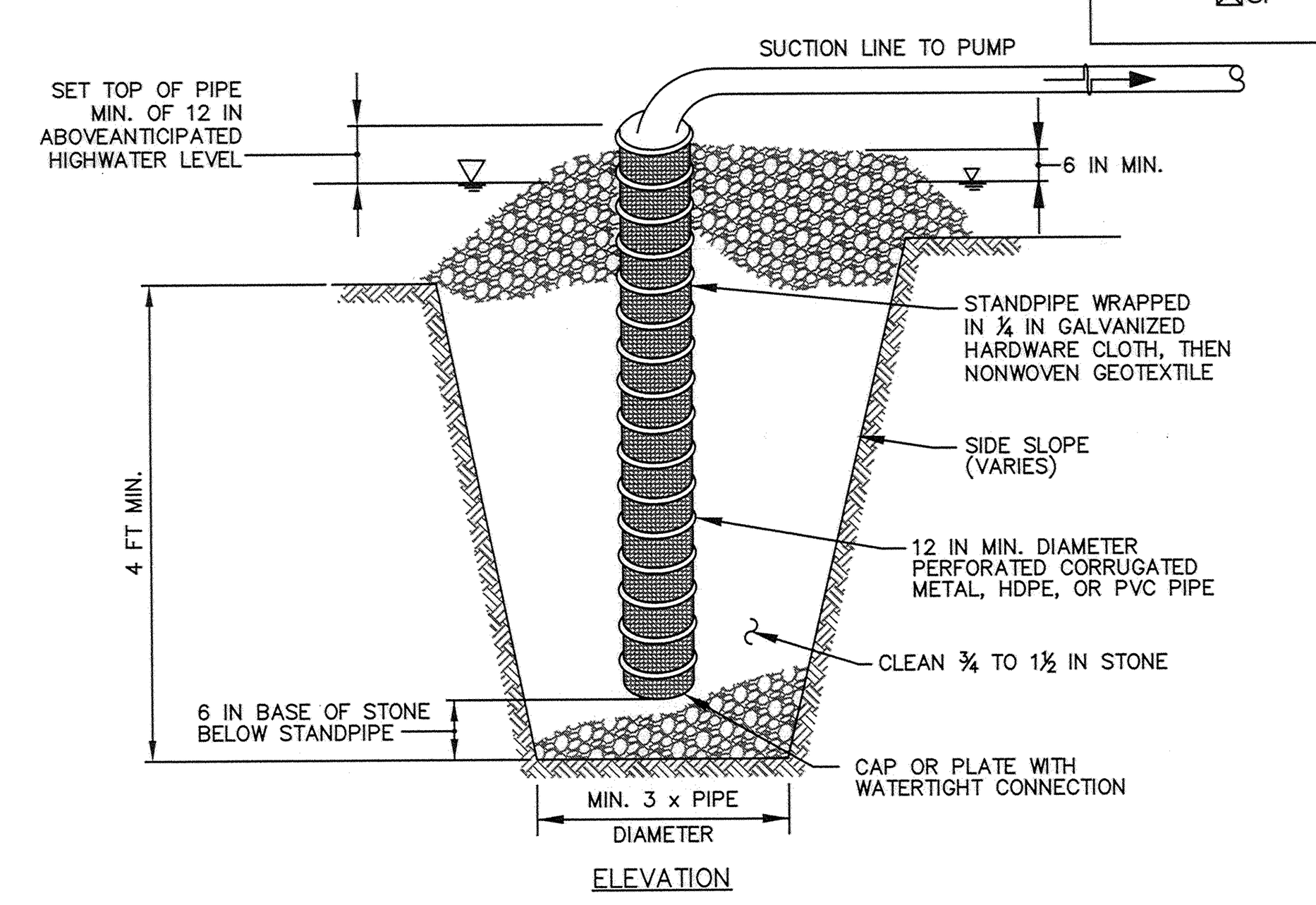


4 | 5 8 — TEMPORARY SAFETY FENCE
NOT TO SCALE

** THIS MEASURE SHALL BE LOCATED WHERE IT WILL BE EASILY ACCESSIBLE TO ALLOW FOR PRACTICAL USAGE. CHANGES TO THE DISCHARGE LOCATION SHOWN ON THE APPROVED PLANS SHALL BE COORDINATED WITH THE SEDIMENT CONTROL INSPECTOR

STANDARD SYMBOL

SP



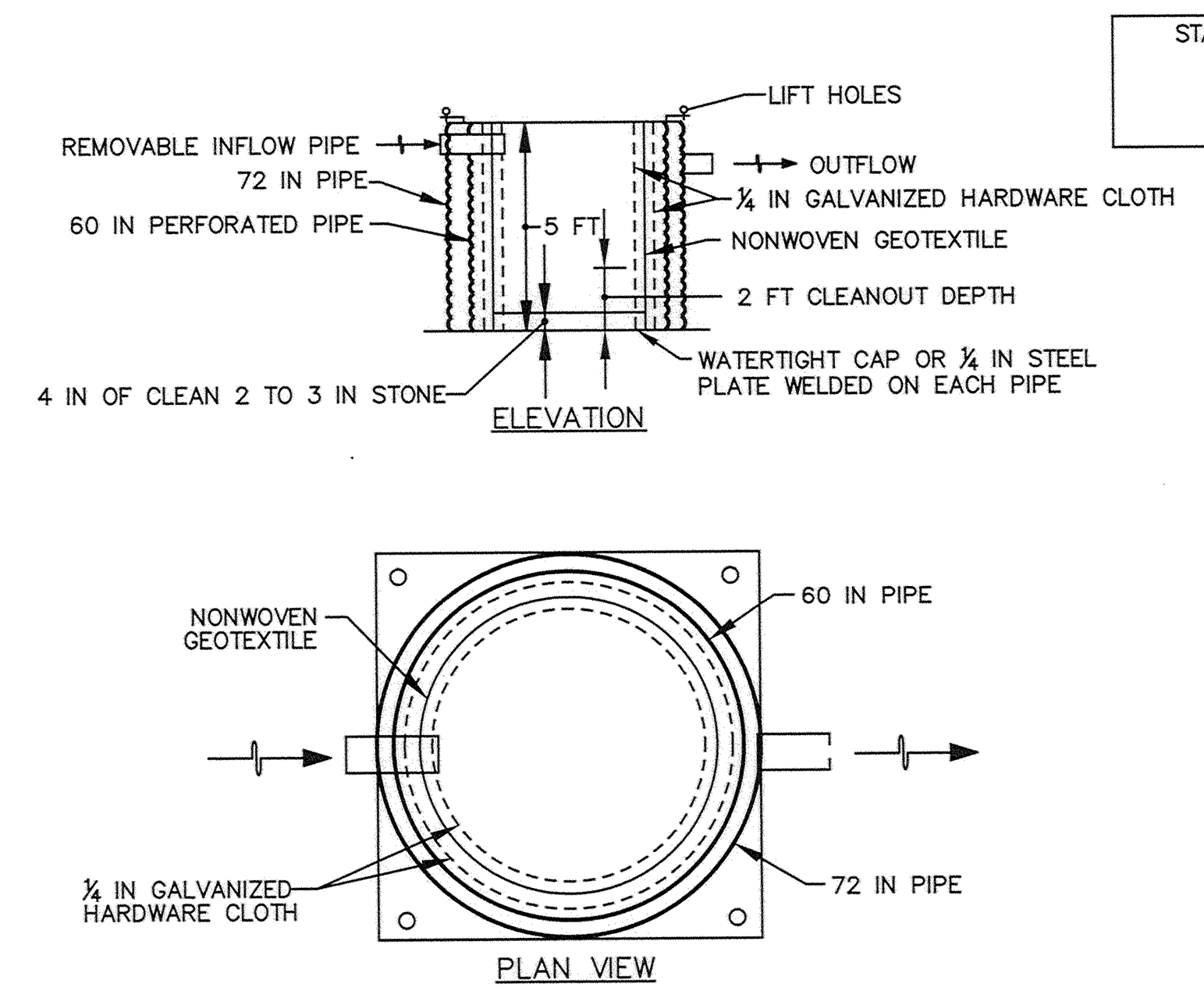
CONSTRUCTION SPECIFICATIONS

1. USE 12 INCH OR LARGER DIAMETER CORRUGATED METAL, HDPE, OR PVC PIPE WITH 1 INCH DIAMETER PERFORATIONS, 6 INCHES ON CENTER. BOTTOM OF PIPE MUST BE CAPPED WITH WATERTIGHT SEAL.
2. WRAP PIPE WITH ¼ INCH GALVANIZED HARDWARE CLOTH AND WRAP NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H–1 MATERIALS, OVER THE HARDWARE CLOTH.
3. EXCAVATE PIT TO THREE TIMES THE PIPE DIAMETER AND FOUR FEET IN DEPTH. PLACE ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE, 6 INCHES IN DEPTH PRIOR TO PIPE PLACEMENT.
4. SET TOP OF PIPE MINIMUM 12 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
5. BACKFILL PIT AROUND THE PIPE WITH ¾ TO 1½ INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE AND EXTEND STONE A MINIMUM OF 6 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
6. DISCHARGE TO A STABLE AREA AT A NONEROSIVE RATE.
7. A SUMP PIT REQUIRES FREQUENT MAINTENANCE. IF SYSTEM CLOGS, REMOVE PERFORATED PIPE AND REPLACE GEOTEXTILE AND STONE. KEEP POINT OF DISCHARGE FREE OF EROSION.

5 | 6 8 — SUMP PIT
NOT TO SCALE

STANDARD SYMBOL

PST



CONSTRUCTION SPECIFICATIONS

1. PROVIDE 1 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP CAPACITY. REQUIRED STORAGE VOLUME MAY BE ATTAINED BY PLACEMENT OF TANKS IN PARALLEL WITH INFLOW EVENLY DISTRIBUTED AMONG TANKS. OVERTOPPING OF TANKS IS NOT PERMITTED.
2. USE 60 INCH CORRUGATED METAL OR PLASTIC PIPE WITH 1 INCH DIAMETER PERFORATIONS, 6 INCHES ON CENTER FOR THE INNER PIPE. LINE PIPE WITH NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H–1 MATERIALS, SANDWICHED BETWEEN, AND ATTACHED TO, ¼ INCH HARDWARE CLOTH.
3. OVERLAP GEOTEXTILE 8 INCHES MINIMUM AT VERTICAL SEAM AND AT THE BOTTOM PLATE.
4. ANCHOR GEOTEXTILE AT BOTTOM OF TANK WITH 4 INCHES OF 2 TO 3 INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE.
5. USE 72 INCH CORRUGATED METAL OR PLASTIC OUTER PIPE WITH PERMANENT OUTFLOW PIPE WITH INVERT LOWER THAN INFLOW PIPE
6. INFLOW PIPE MUST DISCHARGE INTO INNER PIPE AND BE REMOVABLE.
7. PLACE TANK ON LEVEL SURFACE AND DISCHARGE TO A STABLE AREA AT A NONEROSIVE RATE.
8. A PORTABLE SEDIMENT TANK REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT FROM INNER PIPE WHEN IT REACHES TWO FEET IN DEPTH. IF SYSTEM CLOGS, PULL OUT INNER PIPE, REMOVE ACCUMULATED SEDIMENT, AND REPLACE GEOTEXTILE. KEEP POINT OF DISCHARGE FREE OF EROSION.

6 | 6 8 — PORTABLE SEDIMENT TANK
NOT TO SCALE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL

Jeffrey P. West 5-31-13
DATE

TETRA TECH

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STATE OF MARYLAND — SHIVAKUMAR — PROFESSIONAL ENGINEER — 25855

MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
3	05/16/13	REVISION PER BALTIMORE SCD COMMENTS	

LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA

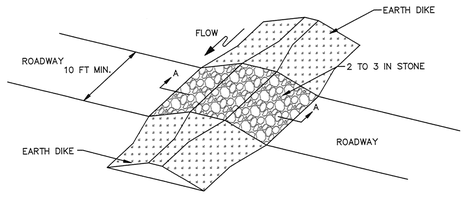
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	3-06-12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	C-8

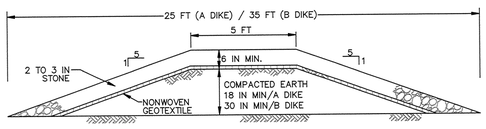
EROSION & SEDIMENT CONTROL DETAILS II

STANDARD SYMBOL

MB



ISOMETRIC VIEW



SECTION A–A

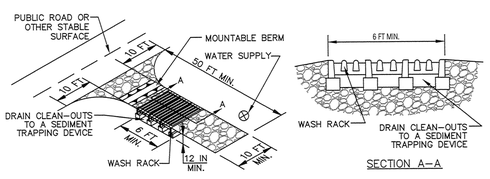
CONSTRUCTION SPECIFICATIONS

1. USE MINIMUM WIDTH OF 10 FEET TO ALLOW FOR VEHICULAR PASSAGE.
2. PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H–1 MATERIALS, OVER THE EARTH MOUND PRIOR TO PLACING STONE.
3. PLACE 2 TO 3 INCH STONE OR EQUIVALENT RECYCLED CONCRETE AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE MOUNTABLE BERM.
4. MAINTAIN LINE, GRADE, AND CROSS SECTION. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN SPECIFIED DIMENSIONS. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE.

1 | 5 9 MOUNTABLE BERM
NOT TO SCALE

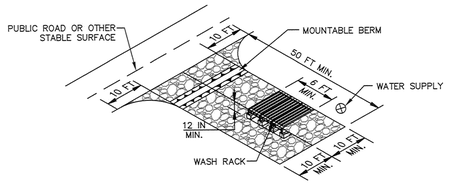
STANDARD SYMBOL

WR



SECTION A–A

ISOMETRIC VIEW – WASH RACK IN SCE

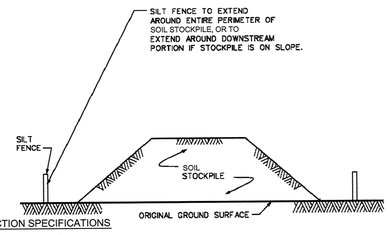


ISOMETRIC VIEW– WASH RACK ALONG SCE

CONSTRUCTION SPECIFICATIONS

1. USE A WASH RACK DESIGNED AND CONSTRUCTED/MANUFACTURED FOR THE ANTICIPATED TRAFFIC LOADS. CONCRETE, STEEL, OR OTHER MATERIALS ARE ACCEPTABLE. PRE–FABRICATED UNITS SUCH AS CATTLE GUARDS ARE ACCEPTABLE. USE MINIMUM DIMENSION OF 6 FEET x 10 FEET. ORIENT DIRECTION OF RIBS AS SHOWN ON THE DETAIL.
2. INSTALL PRIOR TO, ALONG SIDE OF, OR AS PART OF THE SCE.
3. DIRECT WASH WATER TO AN APPROVED SEDIMENT TRAPPING DEVICE.
4. KEEP AREA UNDER WASH RACK FREE OF ACCUMULATED SEDIMENT. IF DAMAGED, REPAIR OR REPLACE WASH RACK.

2 | - 9 WASH RACK OPTION
NOT TO SCALE



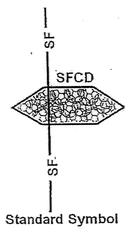
CONSTRUCTION SPECIFICATIONS

1. STOCKPILE SIDE SLOPES ARE DETERMINED BY PILE HEIGHT AS FOLLOWS: LESS THAN 20 FEET = 2:1, 20FT UP TO 30 FEET = 3:1, LESS THAN 40 FEET = 4:1. BENCHING MUST BE PROVIDED IF THE VERTICAL HEIGHT EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 SLOPES. STOCKPILE SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO.
2. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, MAY 2011, 3/7 DAY STABILIZATION REQUIREMENT AS WELL AS STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION.
3. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LINER TO FACILITATE CLEANUP SHALL BE INSTALLED BELOW THE STOCK PILE.
4. STOCKPILES CONTAINING CONTAMINATED MATERIAL SHALL BE COVERED WITH AN IMPERMEABLE MATERIAL.
5. ALL TEMPORARY STOCKPILES MUST CONFORM TO MDE 2011 STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

3 | 5 9 SOIL STOCKPILE
NOT TO SCALE

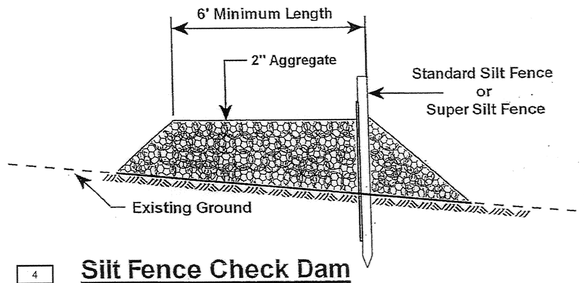
Standard Silt Fence	Super Silt Fence
# 2 Stone	# 2 Stone
12" High	24" High
24" Wide	36" Wide

Placement Engineered Based on Slope Gradient

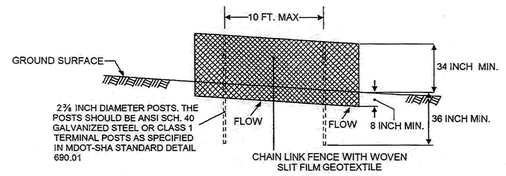


Standard Symbol

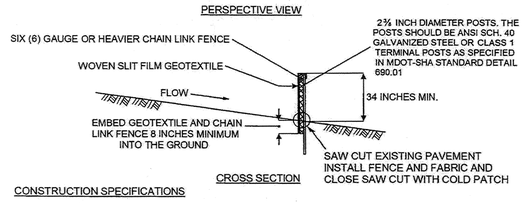
* AT THE DISCRETION OF THE INSPECTOR EXTRA POST(S) MAY BE REQUIRED ON THE DOWNSLOPE SIDE OF THE FENCE IN LIEU OF STONE.



4 | - 9 **Silt Fence Check Dam**
Not To Scale



PERSPECTIVE VIEW



CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. INSTALL 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 6 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2⅜ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H -1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND. LAY THE GEOTEXTILE IN THE BOTTOM OF THE 24 INCH WIDE TRENCH.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BYPASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE UPHILL A MINIMUM OF 3 VERTICAL FEET TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
6. PROVIDE MANUFACTURERS CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H - 1 MATERIALS.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF THE FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

5 | - 9 SUPER SILT FENCE FOR PAVED AREAS OPTION
NOT TO SCALE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
Jeffrey P. Wolf — 5-31-13
DATE

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STATE OF MARYLAND · SHIVA KUMAR · 22555 · PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
3	05/16/13	REVISION PER BALTIMORE SCD COMMENTS	

LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	3–06–12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	C-9

EROSION & SEDIMENT CONTROL DETAILS III

MARYLAND AVIATION ADMINISTRATION SEEDING SPECIFICATIONS

REFERENCES TO ITEM #S NOTED BELOW ARE FOUND IN MARYLAND AVIATION ADMINISTRATION'S MANUAL ENTITLED SPECIFICATIONS FOR PERFORMING LANDSCAPING ACTIVITIES FOR THE MARYLAND AVIATION ADMINISTRATION DATED JANUARY 2008.

ITEM 903 SEEDING

DESCRIPTION

903–1.1 GENERAL. This item provides specifications for seeding of areas as designated on plans or as directed by the MAA Engineer. The species, mixtures, and methods of application provided in this item have been designed to reduce the attractiveness of airport grounds to wildlife. Only MAA–approved species, mixtures, and rates of application provided in this item may be used to establish vegetation. All activities associated with seeding including soil preparation, seed application, fertilization, and maintenance shall also conform to these approved standards.

MATERIALS

903–2.1 SEED. All seed shall comply with the Maryland Seed Law (Agricultural Article of the Annotated Code of Maryland). Only MAA–approved species, mixtures, and rates of application provided in this item may be used to establish vegetation. Seed will be sampled and tested by an inspector from the Turf and Seed Section, Maryland Department of Agriculture (MDA), Annapolis, Maryland. All lawn and turf seed and mixtures shall be free from the following state–listed restricted noxious weeds:

corn cockle (Agrostemma githago),
bentgrass (Agrostis spp.), [1]
redtop (Agrostis gigantea), [1]
wild onion (Allium canadense),
wild garlic (Allium vineale),
bindweed (Calstegia spp.),
dodder (Cuscuta spp.),
Bermuda grass (Cynodon dactylon),
orchardgrass (Dactylis glomerata), [1]
tall fescue (Festuca arundinacea), [1]
meadow fescue (Festuca pratensis), [1]
velvetgrass (Holcus lanatus),
annual bluegrass (Poa annua),
rough bluegrass (Poa trivialis), [1]
timothy (Phleum pratense), and
Johnson grass (Sorgum halepense).

[1] THESE SPECIES MAY BE INCLUDED AS A LABELED COMPONENT OF A MIXTURE WHEN EACH IS PRESENT IN EXCESS OF FIVE PERCENT OF THE MIXTURE BY WEIGHT.

Restricted noxious–weed seed may not exceed 0.5 percent by weight of any seed mixture. In addition, all seeds sold in Maryland shall be free from the following listed prohibited noxious weeds: balloonvine (Cardiospermum halicacabum), quackgrass (Elytrigia repens), sicklepod (Senna obtusifolia), sorghum (Sorghum spp.), Canada thistle (Cirsium arvense), plumeless thistle (Carduus spp.–includes musk thistle and curled thistle), and serrated tussock (Nassella trichotoma).

903–2.1.1 APPROVED SPECIES. The following table contains species that are approved by MAA for use in seed mixtures. Purity requirements and germination requirements are also provided.

APPROVED PLANT SPECIES
MAA SEED MIXTURES

	PURITY [a] NOT LESS THAN %	MINIMUM % GERMINATION	PURE LIVE SEED FACTOR
CERTIFIED TURF–TYPE TALL FESCUE (Festuca arundinacea)	98	90	1.13
CERTIFIED KENTUCKY BLUE GRASS (Poa pratensis)	90	80	1.39
FOWL BLUEGRASS (Poa Palustris)	90	80	1.39
HARD FESCUE (Festuca longifolia)	98	90	1.13
CHEWING RED FESCUE (Festuca rubra commutata)	98	90	1.13
ANNUAL RYEGRASS (Lolium multiflorum)	95	85	1.24
PERENNIAL RYEGRASS (Lolium perenne)	90	80	1.37
CREEPING BENTGRASS (Agrostis Stolonifera)	90	80	1.39
SWITCHGRASS (Panicum Virgatum)	90	80	1.39
LITTLE BLUESTEM (Andropogon scoparius)	62	94	1.71

a THE PERCENTAGE WEIGHT OF PURE SEED PRESENT SHALL BE FREE OF ANY AGRICULTURE SEEDS, INERT MATTER, AND OTHER SEEDS DISTINGUISHABLE BY THEIR PERCENTAGE.

b THE PERCENTAGE OF GERMINATION SHALL BE ACTUAL SPROUTS AND SHALL NOT INCLUDE HARD SEEDS UNLESS SOEOFFICIALLY PERMITTED BY THE MAA ENGINEER.

903–2.1.2 PURITY. All seed shall be free of all state–designated noxious weeds listed in Paragraph 2.1.1 and conform to MAA specifications. To ensure compliance, MAA requires sampling and testing of seed by the Turf and Seed Section, Maryland Department of Agriculture (MDA). The Contractor shall furnish the MAA Engineer with duplicate signed copies of a statement by the Turf and Seed Section certifying that each lot of seed has been laboratory tested within six months of date of delivery. This statement shall include the following information:

– name and address of laboratory,
– date of test,
– lot number,
– the results of tests as to name, percentages of purity and of germination,
– percentage of weed content for the seed furnished,
– and, in the case of a mixture, the proportions of each kind of seed.

Seed shall be furnished in standard containers with the seed name, lot number, net weight, percentages of purity, germination rate and hard seed, and percentage of maximum weed seed content clearly marked. All seed containers shall be tagged with a MDA supervised mix program seed tag.

903–2.1.3 MIXTURES AND APPLICATION RATES. Only seed mixtures and application rates described in this item may be used unless otherwise approved by the MAA Engineer. Seed mixtures shall meet criteria detailed in Paragraph 903–2.1.2. Seed mixtures have been formulated to minimize the attractiveness of areas to wildlife of common landscape scenarios. The appropriate seed mixture for application will be designated based on environmental conditions and may vary from site to site. All planting rates listed are in pounds of Pure Live Seed (PLS) per acre.

Seed mixtures, application scenarios, and rates for permanent cool–season grasses are as follows:

a. Seed Mixture No. 1 – relatively flat areas (grade less than 4:1) subject to normal conditions and regular mowing (Application rate = 234 lbs PLS/acre);
b. Seed Mixture No. 2 – sloped areas (grade greater than 4:1) not subject to regular mowing (Application rate = 115 lbs PLS/acre); and
c. Seed Mixture No. 3 – wetlands and their associated buffer zones (Application rate = 131 lbs PLS/acre).

Seed Mixture No. 1: Relatively flat areas regularly mowed and exposed to normal conditions (Application rate = 234 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
85%	Certified Turf–Type Tall Fescue	192
10%	Certified Kentucky Bluegrass	28
5%	Perennial Ryegrass	14
Supplemental Seed		
Annual Ryegrass		25

Seed Mixture No. 2: Sloped areas not subject to regular mowing (Application rate = 115 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
75%	Hard Fescue	85
20%	Chewings Fescue	23
5%	Kentucky Bluegrass	7
Supplemental Seed		
Redtop		3

Seed Mixture No. 3 : Wetland areas and their associated buffer zones (Application rate = 131 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
60%	Creeping Bentgrass	83
30%	Fowl Bluegrass	34
10%	Switchgrass	14
Supplemental Seed		
Redtop		3

903–2.1.4 SEEDING SEASONS. Application of seed and seed mixtures shall occur within a specified seeding season unless otherwise approved by the MAA Engineer. No seed or seed mixtures are to be applied on frozen ground or when the temperature is at or below 35 degrees Farenheit (7.2 degrees Centigrade). Under these conditions, a layer of mulch should be applied in accordance with Item 905, Mulching, to stabilize the site, and permanent seeding should occur in the subsequent seeding season. Seed cover of annual ryegrass and followed by overseeding of the appropriate seed mixture during the spring seeding season. with Item 905, Mulching, to stabilize the site, and permanent seeding should occur in the subsequent seeding season. Seed application may occur during the seeding season dates listed below. Seeding performed after October 20 should be a temporary

SEEDING SEASONS

PERMANENT COOL–SEASON GRASSES	MARCH 1 TO APRIL 20 AND AUGUST 1 TO OCTOBER 20, INCLUSIVE.
TEMPORARY COVER OF ANNUAL RYE/REDTOP	MARCH 1 TO APRIL 30 AND AUGUST 1 TO NOVEMBER 30, INCLUSIVE.
TEMPORARY COVER OF WARM–SEASON GRASSES (LITTLE BLUESTEM ONLY)	MAY 1 TO JULY 31, INCLUSIVE. RATE OF APPLICATION SHOULD BE 13.6 LBS. PLS PER ACRE.

Seeding seasons are based on typical years and can be subject to variation, which may be modifified by the MAA Engineer based on seasonal trends.

If the time required to complete any of the operations necessary under this item, within the specified planting season or any authorized extensions thereof, extends beyond the Contract period, then such time will be charged against the Contract time, and liquidated damages will be enforced with respect to this portion of work.

903–2.2 LIME. Lime shall consist of ground limestone and contain at least 85 percent total carbonates. Lime shall be ground to a fineness so that at least 90 percent will pass through a No. 20 mesh sieve and 50 percent will pass through a No. 100 mesh sieve. Dolomitic lime or a high magnesium lime shall contain at least 10 percent magnesium oxide. Lime shall be applied by approved methods detailed in Section 903–3.3 of this item. The rate of application will be based on results of soil tests.

903–2.3 FERTILIZER. Fertilizer shall be standard commercial fertilizer (supplied separately or in mixtures) and meet the requirements of applicable state and federal laws (O–F–241) as well as standards of the Association of Official Agricultural Chemists. Nitrogen–Phosphorus–Potassium (N–P–K) concentrations shall be determined from analysis of soil samples. Methods of fertilizer application shall conform to standards described in Section 903–3.3 of this item. Fertilizer shall be furnished in standard containers that are clearly labeled with name, weight, and guaranteed analysis of the contents (percentage of total nitrogen, available phosphoric acid, and water–soluble potash). Mixed fertilizers shall not contain any hydrated lime or cyanamide compounds. Fertilizers failing to meet the specified analysis may be approved by the MAA Engineer, providing sufficient materials are applied to conform with the specified nutrients per unit of measure without additional cost to MAA.

The fertilizers may be supplied in the following forms:

a. A dry, free–flowing fertilizer suitable for application by a common fertilizer spreader;

b. A finely ground fertilizer soluble in water, suitable for application by power sprayers; or

c. A granular or pellet form suitable for application by blower equipment.

The rate of application will be based on results of soil tests performed by the University of Maryland Soil Testing Laboratory. By law, persons applying fertilizer to State–owned land shall follow the recommendations of the University of Maryland as set forth in the publication "Plant Nutrient Recommendations Based on Soil Tests for Turf Maintenance" and the "Plant Nutrient Recommendations Based on Soil Tests for Sod Production". Application of the fertilizer shall be in a manner that is consistent with the recommendations of the University of Maryland Cooperative Extension.

CONSTRUCTION METHODS AND EQUIPMENT

903–3.1 GENERAL. This section provides approved methods for the application of and includes standards for seedbed preparation, methods of application, and equipment to be used during the process. Lime and fertilizer shall be applied to seeded areas before the seed is spread. The mixture of seed will be determined for sites based on environmental conditions as described in Paragraph 903–2.1.3.

903–3.2 ADVANCE PREPARATION. Areas designated for seeding shall be properly prepared in advance of seed application. The area shall be filled and graded prior to application of lime and fertilizer, and the surface area shall be cleared of any stones larger than 1 inch in diameter, sticks, stumps, and other debris that might interfere with sowing of seed, growth of grasses, or subsequent maintenance of grass–covered areas. Damage caused by erosion or other forces that occur after the completion of grading shall be repaired prior to the application of fertilizer and lime. The Contractor will repair such damage, which may include filling gullies, smoothing irregularities, and repairing other incidental damage before beginning the application of fertilizer and ground limestone.

If an area to be seeded is sparsely sodded, weedy, barren and unworked, or packed and hard, all grass and weeds shall first be cut or otherwise satisfactorily disposed of, and the soil then scarified or otherwise loosened to a depth not less than 5 inches (125 mm). Clods shall be broken and the top 3 inches (75 mm) of soil shall be worked into a satisfactory condition by discing or by use of cultipackers, rollers, drags, harrows, or other appropriate means.

An area to be seeded shall be considered a satisfactory seedbed (without requiring additional treatment) if it has recently been thoroughly loosened and worked to a depth of not less than 5 inches; the top 3 inches of soil is loose, friable, and is reasonably free from large clods, rocks, large roots, or other undesirable matter; appropriate amounts of fertilizer and lime have been added; and, if it has been shaped to the required grade immediately prior to seeding. For slope areas steeper than 3:1 (three horizontal to one vertical), the subsoil shall be loose to a depth of 1 inch.

After completion of tilling and grading, lime and fertilizer shall be applied within 48 hours according to the specified rate (Paragraphs 903–2.2 and 2.3) and methods (Paragraphs 903–3.3.1 and 903–3.3.2) approved by MAA. The seeding mixture shall be applied within 48 hours after application of lime and fertilizer. To firm the seeded areas, cultipacking shall occur immediately after seeding.

903–3.3 METHODS OF APPLICATION. Lime, fertilizer, and seed mixes shall be applied by either the dry or wet application methods that have been approved by MAA and are detailed below.

903–3.3.1 DRY APPLICATION METHOD

a. Liming. If soil test results indicate that lime is needed, the following procedures will be used: following advance preparation of the seedbed, lime shall be applied prior to the application of any fertilizer or seed and only on seedbeds that have been prepared as described in paragraph 903–3.2. The lime shall be uniformly spread and worked into the top 2 inches of soil, after which the seedbed shall be properly graded again.

b. Fertilizing. Following advance preparations (and liming if necessary), fertilizer shall be spread uniformly at the specified rate to provide no less than the minimum quantity stated in Paragraph 903–2.3.

c. Seeding. Seed mixtures shall be sown immediately after fertilization of the seedbed. The fertilizer and seed shall be lightly raked to a depth of 1 inch for newly graded and disturbed areas.

d. Rolling. After the seed has been properly covered, the seedbed shall be immediately compacted using a cultipacker or an approved lawnroller.

903–3.3.2 WET APPLICATION METHOD/HYDROSEEDING

A. GENERAL. THE CONTRACTOR MAY ELECT TO APPLY SEED AND FERTILIZER AS PER PARAGRAPHS C AND D OF THIS SECTION IN THE FORM OF AN AQUEOUS MIXTURE BY SPRAYING OVER THE PREVIOUSLY PREPARED SEEDBED USING METHODS AND EQUIPMENT APPROVED BY MAA. THE RATES OF APPLICATION SHALL BE AS SPECIFIED IN PARAGRAPHS 903–2.1 THROUGH 903–2.3.

B. SPRAYING EQUIPMENT. THE SPRAYING EQUIPMENT SHALL HAVE A CONTAINER OR WATER TANK EQUIPPED WITH A LIQUID LEVEL GAUGE CAPABLE OF READING INCREMENTS OF 50 GALLONS OR LESS OVER THE ENTIRE RANGE OF THE TANK CAPACITY. THE LIQUID LEVEL GAUGE SHALL BE MOUNTED SO AS TO BE VISIBLE TO THE NOZZLE OPERATOR AT ALL TIMES. THE CONTAINER OR TANK SHALL ALSO BE EQUIPPED WITH A MECHANICAL POWER–DRIVEN AGITATOR CAPABLE OF KEEPING ALL THE SOLIDS IN THE MIXTURE IN COMPLETE SUSPENSION AT ALL TIMES UNTIL USED.

THE SPRAYING EQUIPMENT SHALL ALSO INCLUDE A PRESSURE PUMP CAPABLE OF DELIVERING 100 GALLONS PER MINUTE AT A PRESSURE OF 100 POUNDS PER SQUARE INCH. THE PRESSURE PUMP ASSEMBLAGE SHALL BE CONFIGURED TO ALLOW THE RECIRCULATING LINE TO THE NOZZLE PIPE AND MOUNTED SO THAT THE NOZZLE OPERATOR CAN CONTROL AND REGULATE THE AMOUNT OF FLOW OF MIXTURE TO BE SUPPLIED SO THAT MIXTURES MAY BE PROPERLY SPRAYED OVER A DISTANCE VARYING FROM 20 FEET TO 100 FEET. ONE SHALL BE A CLOSE–RANGE RIBBON NOZZLE, ONE A MEDIUM–RANGE RIBBON NOZZLE, AND ONE A LONG–RANGE JET NOZZLE. FOR EASE OF REMOVAL AND CLEANING, ALL NOZZLES SHALL BE CONNECTED TO THE NOZZLE PIPE BY MEANS OF QUICK–RELEASE COUPLINGS. IN ORDER TO REACH AREAS INACCESSIBLE TO THE REGULAR NOZZLE PIPE BY MEANS OF QUICK–RELEASE COUPLINGS. IN ORDER TO REACH AREAS INACCESSIBLE TO THE NOZZLES MAY BE EQUIPMENT, AN EXTENSION HOSE AT LEAST 50 FEET IN LENGTH SHALL BE PROVIDED TO WHICH THE NOZZLES MAY BE CONNECTED.

C. MIXTURES. LIME SHALL BE APPLIED SEPARATELY IN THE QUANTITY SPECIFIED, PRIOR TO THE FERTILIZING AND SEEDING OPERATIONS. LIME SHOULD BE ADDED TO AND MIXED WITH WATER AT A CONCENTRATION NOT TO EXCEED 220 POUNDS OF LIME FOR EVERY 100 GALLONS OF WATER. AFTER LIME HAS BEEN APPLIED, THE TANK SHOULD BE EMPTIED AND RINSED WITH FRESH WATER. SEED AND FERTILIZER SHALL BE MIXED TOGETHER IN THE RELATIVE PROPORTIONS SPECIFIED, BUT THE RESULTING CONCENTRATION SHOULD NOT EXCEED 220 POUNDS OF MIXTURE PER 100 GALLONS OF WATER AND SHOULD BE APPLIED WITHIN 30 MINUTES TO PREVENT FERTILIZER BURN OF THE SEEDS.

ALL WATER USED SHALL BE OBTAINED FROM FRESH WATER SOURCES AND SHALL BE FREE FROM INJURIOUS CHEMICALS AND OTHER TOXIC SUBSTANCES HARMFUL TO PLANT LIFE. BRACKISH WATER SHALL NOT BE USED AT ANY TIME. THE CONTRACTOR SHALL IDENTIFY ALL SOURCES OF WATER TO THE MAA ENGINEER AT LEAST TWO WEEKS PRIOR TO USE. THE ENGINEER MAY TAKE SAMPLES OF THE WATER AT THE SOURCE OR FROM THE TANK AT ANY TIME AND HAVE A LABORATORY TEST THE SAMPLES FOR CHEMICAL AND SALINE CONTENT. THE CONTRACTOR SHALL NOT USE ANY WATER FROM ANY SOURCE THAT IS DISAPPROVED BY THE ENGINEER FOLLOWING SUCH TESTS.

ALL MIXTURES SHALL BE CONSTANTLY AGITATED FROM THE TIME THEY ARE MIXED UNTIL THEY ARE FINALLY APPLIED TO THE SEEDBED. ALL SUCH MIXTURES SHALL BE USED WITHIN 30 MINUTES FROM THE TIME THEY WERE MIXED OR THEY SHALL BE WASTED AND DISPOSED OF AT A LOCATION ACCEPTABLE TO THE ENGINEER.

D. SPRAYING. LIME SHALL BE SPRAYED UPON PREVIOUSLY PREPARED SEEDBEDS ON WHICH THE LIME, IF REQUIRED, SHALL HAVE BEEN WORKED IN ALREADY. THE MIXTURES SHALL BE APPLIED USING A HIGH–PRESSURE SPRAY WHICH SHALL ALWAYS BE DIRECTED UPWARD INTO THE AIR SO THAT THE MIXTURES WILL FALL TO THE GROUND IN A UNIFORM SPRAY. NOZZLES OR SPRAYS SHALL NEVER BE DIRECTED TOWARD THE GROUND IN SUCH A MANNER THAT MIGHT PRODUCE EROSION OR RUNOFF. PARTICULAR CARE SHALL BE EXERCISED TO ENSURE THAT THE APPLICATION IS MADE UNIFORMLY, AT THE PRESCRIBED RATE, AND TO GUARD AGAINST MISSES AND OVERLAPPED AREAS. PREDETERMINED QUANTITIES OF THE MIXTURE SHALL BE USED IN ACCORDANCE WITH SPECIFICATIONS TO COVER SPECIFIED SECTIONS OF KNOWN AREAS. TO CHECKS THE RATE AND UNIFORMITY OF APPLICATION, THE APPLICATOR WILL OBSERVE THE DEGREE OF WETTING OF THE GROUND OR DISTRIBUTE TEST SHEETS OF PAPER OR PANS OVER THE AREA AT INTERVALS AND OBSERVE THE QUANTITY OF MATERIAL DEPOSITED THEREON.

ON SURFACES THAT ARE TO BE MULCHED AS INDICATED BY THE PLANS OR DESIGNATED BY THE MAA ENGINEER, SEED AND FERTILIZER APPLIED BY THE SPRAY METHOD NEED NOT BE RAKED INTO THE SOIL OR ROLLED. HOWEVER, ON SURFACES ON WHICH MULCH IS NOT TO BE USED, THE RAKING AND ROLLING OPERATIONS WILL BE REQUIRED AFTER THE SOIL HAS DRIED.

903–3.4 MAINTENANCE OF SEEDED AREAS. THE CONTRACTOR SHALL PROTECT SEEDED AREAS AGAINST TRAFFIC OR OTHER USE BY WARNING SIGNS OR BARRICADES, AS APPROVED BY THE ENGINEER. SURFACES GULLIED OR OTHERWISE DAMAGED FOLLOWING SEEDING SHALL BE REPAIRED BY REGRADING AND RESEEDING AS DIRECTED. THE CONTRACTOR SHALL MOW, WATER AS DIRECTED, AND OTHERWISE MAINTAIN SEEDED AREAS IN A SATISFACTORY CONDITION UNTIL FINAL INSPECTION AND ACCEPTANCE OF THE WORK.

WHEN EITHER THE DRY OR WET APPLICATION METHOD OUTLINED ABOVE IS USED FOR WORK PERFORMED OUT OF SEASON, THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN COMPLETED IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF THE COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, PAYMENT FOR OTHERWISE THE UNACCEPTED PORTIONS OF THE AREAS SEEDED OUT OF SEASON WILL BE WITHHELD UNTIL SUCH TIME AS THESE REQUIREMENTS HAVE BEEN MET.

ITEM 904 SODDING

DESCRIPTION

904–1 This item provides standards for furnishing, hauling, and placing approved live sod on prepared areas as indicated on site plans. Sod will only be applied to landscape areas and shall be mowed frequently. All sodding activities shall conform to these specifications at the locations shown on site plans or as directed by the MAA Engineer.

MATERIALS

904–2.1 SOD. Sod furnished by the Contractor shall have a good cover of living or growing grass. This includes grass that is seasonally dormant during the cold or dry seasons and capable of renewing growth after the dormant period. All sod shall be obtained from areas in which the soil is reasonably fertile and contains a high percentage of loamy topsoil. Sod shall be cut or stripped from living, thickly matted turf relatively free of weeds or other undesirable foreign plants, large stones, roots, or other materials that might be detrimental to the development of the sod or to future maintenance. Grass sod shall be Maryland–certified or approved and shall comply with the Maryland Sod Law of the Annotated Code of Maryland (Agricultural Article Sections 9–101 through 9–110). Each load of sod shall bear a Maryland State Approved or Certified label at the time of delivery on the job. Sod shall be either: (1) Bluegrass sod containing not less than 80 percent Kentucky bluegrass (Poa pratensis) and not more than 20 percent Red Fescue (Festuca rubra); or (2) certified turf type–tall fescue (Festuca arundinacea) sod containing not less than 80 percent certified turf type–tall fescue (Festuca arundinacea) grass and not more than 20 percent Kentucky Bluegrass (Poa pratensis) and Red Fescue (Festuca rubra). Any vegetation more than 6 inches in height shall be mowed to a height of 3 inches or less before sod is lifted. Sod, including the soil containing the roots and the emergent plant growth, shall be cut uniformly to a thickness not less than that specified in Section 904–3.4.

904–2.2 LIME. Lime shall conform to standards described in Section 903, 'Seeding.'

904–2.3 FERTILIZER. Fertilizers and application methods shall conform to the standards previously described in Section 903, 'Seeding.'

904–2.4 WATER. All water shall conform to the standards previously described in Paragraph 902–2.4, 'Water.'

904–2.5 SOILS FOR REPAIR. All soils for repairs shall conform to the standards previously described in Paragraph 901–2.3, 'Soils for Repair.'

CONSTRUCTION REQUIREMENTS

904–3.1 GENERAL. Areas to be sodded shall be clearly indicated by site plans. Areas requiring special ground surface preparation, such as tilling, and those areas in a satisfactory condition that are to remain undisturbed shall also be shown on the plans.

Suitable equipment necessary for proper preparation of the ground surface and for the handling and placing of all required materials shall be on hand, in good condition, and shall be approved by the MAA Engineer before sodding operations begin. The Contractor shall demonstrate to the MAA Engineer, before starting the various operations, that the application of required materials, such as fertilizer and limestone, will be made at the specified rates.

904–3.2 ADVANCE PREPARATION. If the area to be sodded is sparsely vegetated, weedy, barren and unworked, or packed and hard, all existing herbaceous vegetation shall be removed. The soil shall then be scarified or otherwise loosened to a depth of at least 5 inches (125 mm). Clods shall be pulverized, and the top 3 inches (75 mm) of soil shall be worked into a satisfactory bed by discing or use of cultipackers, rollers, drags, harrows, or other equipment approved by the MAA Engineer. The area shall then be properly graded as indicated by site plans.

After grading of areas is complete and prior to the application of fertilizer and limestone, areas to be sodded shall be raked or otherwise cleared of stones larger than 1 inch in diameter, sticks, stumps, and other debris which might interfere with sodding, growth of grasses, or subsequent maintenance of grass–covered areas. If any damage by erosion or other causes has occurred after grading of areas and before beginning the application of fertilizer and ground limestone, the Contractor shall repair such damage. This may include filling gullies, smoothing irregularities, and repairing other incidental damage.

An area to be sodded will be considered a satisfactory seedbed without requiring additional treatment if it recently has been thoroughly loosened and worked to a depth of at least 5 inches as a result of grading operations and, if immediately prior to sodding, the top 3 inches of soil is loose, friable, reasonably free from large clods, rocks, large roots, or other undesirable matter, and is shaped to the required grade. For slope areas steeper than 3:1 (three horizontal to one vertical) the subsoil shall be loosened to a depth of 1 inch. Lime and fertilizer shall be applied within 48 hours after tilling as described in 903–3.3 and 3.4. The sod shall be applied immediately after the lime and fertilizer have been worked into the soil.

904–3.3 APPLICATION OF FERTILIZER AND LIME. Following ground surface preparation, fertilizer shall be uniformly spread as described in Section 903–3.3 at a rate that will provide at least the minimum quantity of fertilizer required. If the use of ground limestone is specified, it shall be spread as described in Section 903–3.3, 'Methods of Application'; at a rate that will provide at least the minimum quantity of lime required. These materials shall be incorporated into the soil to a depth of at least 2 inches by discing, raking, or other methods approved by the MAA Engineer. Any stones larger than 1 inch in diameter, large clods, roots, and other litter brought to the surface by this operation shall be removed.

904–3.4 OBTAINING AND DELIVERING SOD. The sod shall be well rooted, grown in the State of Maryland, and field grown for a minimum of 12 months. After inspection and approval of the sod by the MAA Engineer, the sod shall be cut with approved sod cutters to such a thickness that after placement on the prepared bed, but before compaction, it shall have a uniform attached soil thickness of at least 0.75 inch. Sod sections or strips shall be cut in uniform widths of at least 14 inches and in lengths of at least 18 inches, but not to lengths that might inhibit placement without breaking, tearing, or loss of soil. Where strips are required, the sod shall be rolled or folded undamaged, with the grass facing inward. The Contractor may be required to mow high grass before cutting sod.

Sod shall be transplanted within 24 hours from the time of harvest unless circumstances beyond the Contractor's control make storage necessary. In such cases, sod shall be stacked, kept moist, protected from exposure to the air and sun, and shall be kept from freezing. Sod shall only be harvested and moved when soil moisture conditions are such that favorable results can be expected. Where soil is too dry, permission to cut sod may be granted only after it has been sufficiently watered to moisten the soil to the depth at which the sod will be cut.

904–3.5 PLACING SOD. Sodding shall only be performed during seasons when satisfactory results can be expected. Frozen sod shall not be used and sod shall not be placed upon frozen soil. Sod may be transplanted during periods of drought with the approval of the MAA Engineer, provided the sod bed is watered to moisten the soil to a depth of at least 4 inches immediately prior to laying the sod.

The sod shall be moist and shall be placed on a bed, prepared according to Paragraphs 904–3.2 'Advance Preparation', and 904–3.3, 'Application of Fertilizer and Lime'by hand. Pitchforks shall not be used to handle sod, and dumping from vehicles shall not be permitted. The sod shall be placed carefully by hand, edge to edge and with staggered joints, in rows at right angles to the slopes, starting at the base of the area to be sodded and working upward. The sod shall immediately be pressed firmly into contact with the sod bed by tamping or rolling with approved equipment to provide a true and even surface, and ensure knitting without displacement of the sod or deformation of the surfaces of sodded areas. Where the sod has been displaced during sodding operations, the workmen replacing it shall work from ladders or treaded planks to prevent further displacement. Where the grades are such that the flow of water will be from paved surfaces across sodded areas, the surface of the soil in the sod after compaction shall be set approximately 1.5 inches below the pavement edge. Where the flow will be over the sodded areas and onto the paved surfaces around manholes and inlets, the surface of the soil in the sod after compaction shall be placed flush with pavement edges.

On slopes steeper than 1:2.5 and in V–shaped or flat–bottom ditches or gutters, the sod shall be secured with wooden pegs at least 18 inches long and a cross–sectional area of at least 1 inch by 1 inch, or by other methods of securing sod approved by the MAA Engineer. The pegs shall be driven flush with the surface of the sod. The pegs shall be of sufficient number and at adequate spacing to secure sod from displacement. The use of sod staples or other means of securing the sod from displacement may be approved by the MAA Engineer provided satisfactory results are expected.

904–3.6 WATERING. Adequate water and watering equipment shall be on hand before sodding begins, and sod shall be kept moist until it has become established and its continued growth assured. In all cases, watering shall be done in a manner that will avoid erosion from the application of excessive quantities and will avoid damage to the finished surface.

904–3.7 ESTABLISHING TURF.

904–3.7.1 GENERAL. The Contractor shall provide general care for the sodded areas as soon as the sod has been laid and shall continue to provide such care until final inspection and acceptance of the work.

904–3.7.2 PROTECTION. All sodded areas shall be protected against traffic or other use by warning signs and barricades approved by the MAA Engineer.

904–3.7.3 MOWING. The Contractor shall mow the sodded areas with approved mowing equipment, depending upon climatic and growth conditions and the needs for mowing of specific areas. In the event that weeds or other undesirable vegetation establishes to such an extent that, either cut or uncut, they threaten to smother the sodded species, the weeds shall be mowed and the clippings raked and removed from the area. Spot applications of an appropriate herbicide by a licensed applicator shall be approved by the MAA Engineer to remove invasive species. The appropriate herbicide shall be determined on a case–by–case basis, depending on the location and type of weed.

904–3.7.4 REPAIR. When the surface has become gullied or otherwise damaged during the period covered by this contract, the affected areas shall be repaired to re–establish the grade and the condition of the soil and shall then be re–sodded as specified in Paragraph 904–3.5, 'Placing Sod', at the Contractor's expense.

ITEM 905 MULCHING

DESCRIPTION

905–1.1 GENERAL. This item provides the Contractor with MAA–approved specifications for mulch and the application of mulch including distribution of mulch and securing of mulched areas. Areas to be mulched will be clearly shown on site plans or otherwise designated by the MAA Engineer.

MATERIALS

905–2.1 TYPES OF MULCH. Acceptable mulch shall be composed of the materials listed below or composed of any locally available materials that are similar to those specified and approved by the MAA Engineer. Low–grade, shidely, soiled, partially rotted hay, straw, or other materials unfit for animal consumption will not be acceptable for use as mulch. Straw or other material that is fresh, excessively brittle, or is in such an advanced stage of decomposition as to smother or retard the planted grass, is not acceptable. Clean, weed–free straw may be used. Mulch materials containing matured seed with the potential to establish and be detrimental to the project or the surrounding area is not acceptable.

a. Shredded Hardwood Bark. Shredded hardwood bark shall consist of hardwood tree bark that has been milled and screened to ensure a maximum 4–inch (100–mm) particle size, provide a uniform texture, and be free from sawdust, toxic substances, and other foreign materials.

b. Wood Chips. Wood chips shall be produced by a chipping machine to a size specified by the MAA Engineer. Chips may not have been subjected to any conditions that would shorten their useful life or cause them to lose any of their value as mulch. Wood chips shall be free from bark, leaves, twigs, wood shavings, sawdust, toxic substances, and other foreign material.

c. Wood Cellulose Fiber. Wood cellulose fiber shall consist of a processed wood product with uniform fiber characteristics. The fiber shall be capable of remaining in a uniform suspension under agitation in water and blending with seed, fertilizer, and other additives to form a homogeneous slurry. The fiber shall perform satisfactorily in hydraulic seeding equipment without clogging or damaging the system. The slurry shall contain a green dye to provide easy visual inspection for uniformity of application.

Certification showing that the fiber material conforms to the following specifications shall be provided by the manufacturer:

Wood Cellulose Fiber Requirements	
Particle Length, in. (mm)	Approximately 1/2 (13)
Particle Thickness, in. (mm)	Approximately 1/16 (1.5)
Net dry Weight Content	Minimum as stated on bag
TAPPI* T 509, pH	4.0 to 8.5
Ash Content, TAPPI* Standard T 413, % max	7.0
Water Holding Capacity, % min	90

*Technical Association of Pulp and Paper Industry

The material shall be delivered in packages of uniform net weight of 75 lbs (34 kg) or less and shall be clearly labeled with the name of the manufacturer, net weight, and a supplemental statement of the net weight content.

905–2.2 INSPECTION. Within five days after acceptance of the bid, the Contractor shall provide representative samples of mulch material to be used to the MAA Engineer and identify the source of the material and quantities of mulch materials available. The samples provided may be used as standards with the approval of the MAA Engineer and any materials brought on the site that do not meet these standards may be rejected.

CONSTRUCTION REQUIREMENTS

905–3.1 ADVANCE PREPARATION. Before spreading mulch, all large clods, stumps, stones, brush, roots, and other foreign material shall be removed from the area to be mulched. Mulch shall be applied immediately after seeding unless otherwise specified. The application and spreading of mulch may be by hand methods, blower, or other mechanical methods, provided a uniform covering is obtained.

905–3.2 APPLICATION OF MULCH. The Contractor shall evenly apply mulch materials to areas indicated by site plans or otherwise designated by the MAA Engineer. Cellulose–fiber or wood–pulp mulch shall be applied at the rate of 1,500 pounds (dry weight) per acre. Mulch may be blown on the slopes and use of cutters in the equipment for this purpose will be permitted to the extent that at least 95 percent of the mulch in place on the slope is 6 inches or more in length. When mulch applied by the blowing methods is cut, the loose depth in place shall be 1 to 2 inches. Cellulose fiber or wood–pulp mulch shall be applied as an aqueous mixture by spraying at the rate of 1,500 pounds (dry weight) per acre using spraying equipment approved by the MAA Engineer.

905–3.3 SECURING MULCH. Mulch shall be held in place by light discing, a thin coating of topsoil, pins, stakes, wire mesh, or other methods approved by the MAA Engineer. If the 'peg and string'method is used, the mulch shall be secured with stakes or wire pins driven into the ground on 5–foot centers or less. Binder twine shall be strung between adjacent stakes in straight lines and crossed diagonally over the mulch. The stakes shall be firmly driven nearly flush to the ground to draw the twine down tightly onto the mulch.

905–3.4 MAINTENANCE OF MULCHED AREAS. The Contractor shall care for mulched areas until final acceptance of the project. Care required may consist of providing protection against traffic or other disturbances by placement of warning signs and/or barricades before or immediately after mulching has been completed.

The Contractor may be required to repair or replace any mulching that is defective or becomes damaged before the project is finished and deemed satisfactory by the MAA Engineer. When, in the judgment of the MAA Engineer, defects or damage result from poor workmanship or failure to meet the requirements of the specifications, the cost of the necessary repairs or replacement will be borne by the Contractor. However, once the Contractor has completed the mulching of an area in accordance with the provisions of the specifications and to the satisfaction of the Engineer, no additional work at his expense will be required. Any subsequent repairs and/or replacements deemed necessary by the Engineer may be made by the Contractor and will be paid for as additional or extra work.

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
Jeffrey P. Wast — 5·31·13
DATE

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STATE OF MARYLAND — SUSHIL KUMAR — 23855 — PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13

LOCKHEED MARTIN CORPORATION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA
MIDDLE RIVER, MARYLAND

DRAWING LIST

GENERAL

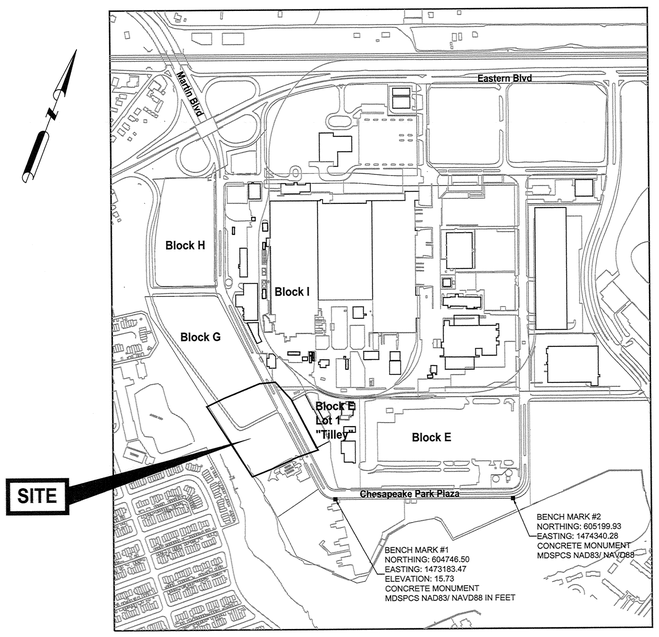
G-1	COVER SHEET
G-2	NOTES AND LEGEND

CIVIL

C-1	EXISTING & DEMOLITION PLAN
C-2	SITE LAYOUT PLAN
C-3	SITE GRADING PLAN AND PROFILE
C-4	STORM WATER MANAGEMENT DETAILS
C-5	EROSION & SEDIMENT CONTROL PLANS – PRE
C-6	EROSION & SEDIMENT CONTROL PLANS – POST
C-7	EROSION & SEDIMENT CONTROL DETAILS I
C-8	EROSION & SEDIMENT CONTROL DETAILS II
C-9	EROSION & SEDIMENT CONTROL DETAILS III
C-10	EROSION & SEDIMENT CONTROL SEEDING SPECIFICATIONS

SITE DATA:

1.	OWNER:	LMC PROPERTIES INC. 100 SOUTH CHARLES STREET BALTIMORE, MD 21201–2725
2.	PROPERTY ADDRESS:	LOCKHEED MARTIN CORPORATION 103 CHESAPEAKE PARK PLAZA MIDDLE RIVER, MARYLAND 21220
3.	SOURCE OF TITLE:	DEED: LIBER 4953 FOLIO 235, PLAT: 51/43
4.	TAX ACCOUNT NUMBER:	04–15–1900014060 MAP 90 GRID 18 PARCEL 964
5.	PARCEL AREA:	13.461± ACRES (BLOCK G PER PLAT)
6.	ZONING:	MH–IM, MAP NE 1–3, 1–4
7.	TOPOGRAPHY:	TOPOGRAPHY IS BASED ON A FIELD SURVEY PERFORMED BY TETRA TECH ON JUNE 7–8, 2011, AN & RB.
8.	DATUM:	HORIZONTAL=MARYLAND STATE PLANE 1983, VERTICAL=NAVD 88
9.	BOUNDARY:	BOUNDARY LINE INFORMATION TAKEN FROM RECORDED PLAT E.H.K. JR. 51 FOLIO 43 "1ST AMENDED CHESAPEAKE PARK RE–SUBDIVISION" PREPARED BY MARYLAND SURVEYING AND ENGINEERING CO, INC. 4/24/84. BOUNDARY LINES HAVE BEEN ORIENTED TO THE BALTIMORE COUNTY METROPOLITAN DISTRICT GRID. SHOULD NOT BE CONSIDERED A BOUNDARY SURVEY.
10.	UTILITIES:	EXISTING UTILITIES INFORMATION ARE SHOWN ACCORDING TO FIELD SURVEYED SURFACE EVIDENCE DURING THE LOCAL TOPOGRAPHIC SURVEY (JUNE 2011). ALL UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED PRIOR TO COMMENCING EXCAVATION OPERATIONS. UTILITY CROSS–CONNECTION INVESTIGATION WAS PERFORMED BY TETRA TECH IN NOVEMBER 2011 AND GAVE ADDITIONAL UTILITY INFORMATION. REFER TO FIGURE 4–2 & 4–3 OF THAT REPORT FOR BLOCK G.
11.	WATERSHED	108 MIDDLE RIVER
12.	REFERENCE PLANS:	"SITE PLAN, CHESAPEAKE PARK, LMC PROPERTIES, INC." DATED 10/02/02 PREPARED BY TAI CONSULTING ENGINEERS, AND NOTED THEREON AS BEING OBTAINED FROM FIELD RUN SURVEY CONDUCTED BY DMW, INC. DURING JUNE 1999 FLOATED TO STATE GRID.



LOCKHEED MARTIN MIDDLE RIVER COMPLEX

0 200 500 1000
1"=500'

CONSULTANT'S CERTIFICATION:

I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT AND THE CURRENT STATE OF MARYLAND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

5/21/2013 — DATE

SIGNATURE

MD. LICENSE NO. 25855

Shiva Kumar — PRINTED NAME

OWNER'S / DEVELOPER'S CERTIFICATION:

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I/WE ALSO CERTIFY THAT THE SITE WILL BE INSPECTED AT THE END OF EACH WORKING DAY, AND THAT ANY NEEDED MAINTENANCE WILL BE COMPLETED SO AS TO INSURE THAT ALL SEDIMENT CONTROL PRACTICES ARE LEFT IN OPERATIONAL CONDITION. I/WE AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATIONS BY THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT BOARD OF SUPERVISORS OR THEIR AUTHORIZED AGENTS.

OWNER / DEVELOPER SIGNATURE

May 30, 2013 — DATE

THOMAS D. BUCKMAN — PRINTED NAME

PROJECT LEAD — TITLE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT

APPROVED FOR SEDIMENT CONTROL — 5-31-13 DATE

DISTRICT OFFICIAL — 130-3736-13 PLAN NO.

TECHNICAL REVIEW FOR THE DISTRICT BY:

IF A GRADING PERMIT HAS NOT BEEN OBTAINED WITHIN TWO YEARS OF THIS APPROVAL, THIS PLAN SHALL BE RE-SUBMITTED TO THE DISTRICT.

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STATE OF MARYLAND · SHIVA KUMAR · 25855 · PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
3	05/16/13	REVISION PER BALTIMORE SCD COMMENTS	

LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	3-06-12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	G-1

COVER SHEET

GENERAL NOTES:

THIS BLOCK G SWALE REPLACEMENT PROJECT IS PART OF A LARGER REMEDIATION PROJECT OF THE LOCKHEED MARTIN MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND.

THIS SITE SHOULD FOLLOW THE GENERAL GUIDELINES FOR SITE HEALTH AND SAFETY INCLUDING MONITORING AND DISPOSAL OF CONTAMINATED MATERIALS. ALL FILL SHALL BE "CLEAN FILL", WHICH MUST BE TESTED AND CERTIFIED CLEAN IN ACCORDANCE WITH APPROVED SOIL MANAGEMENT PLAN, WHETHER TAKEN FROM AN ON–SITE OR BORROW SOURCE.

1. GRID COORDINATES REFERENCE MARYLAND STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (MDSPCS NAD83). ELEVATION REFERENCE NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88).
2. GROUND SURFACE TOPOGRAPHY OF THIS PROJECT PREPARED BY TETRA TECH, NEWARK, DELAWARE (DATED 06/07 & 08/2011). GROUND SURFACE TOPOGRAPHY BETWEEN COW PEN CREEK AND CHESAPEAKE PARK PLAZA AND DELINEATED WETLANDS LIMITS SURVEYED BY TETRA TECH, NEWARK, DELAWARE DURING NOVEMBER AND DECEMBER 2009.
3. REFERENCE DRAWING TITLED "SITE PLAN, CHESAPEAKE PARK, LMC PROPERTIES, INC." REFER TO UTILITY CROSS–CONNECTION INVESTIGATION PERFORMED BY TETRA TECH IN NOVEMBER 2011. THE UTILITY CROSS–CONNECTION REPORT COVERS BLOCK G AREA AS A PART OF THE INVESTIGATION.
4. GROUNDWATER MONITORING WELL LOCATIONS SHOWN OBTAINED FROM TETRA TECH GIS DATABASE.
5. 1% ANNUAL CHANCE FLOOD (100–YEAR FLOOD) ELEVATION IS SHOWN ON THIS PLAN AS 9.0–FT NAVD88 BASED ON "FLOOD INSURANCE RATE MAP, BALTIMORE COUNTY, MARYLAND (UNINCORPORATED AREAS)" FLOOD INSURANCE MAP NUMBER 2400100435F [FEMA, SEPTEMBER 26, 2008]. THE 100–YEAR FLOOD ELEVATION IS INDICATED TO BE 8.7–FT BASED ON THE REVISED FEMA FLOOD STUDY [240010V000B] DATED 9/26/2008, AND 8.5–FT BASED ON THE PRELIMINARY FEMA FLOOD STUDY [240010V000C] DATED 9/30/2009.
6. CHESAPEAKE BAY CRITICAL AREA BOUNDARY OBTAINED FROM MARYLAND DEPARTMENT OF NATURAL RESOURCES WEBSITE. THE ENTIRE PROJECT SITE IS LOCATED WITHIN THE CHESAPEAKE BAY CRITICAL AREA, INTENSELY DEVELOPED AREA (IDA) CATEGORY.
7. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. VERIFICATION OF UTILITY LOCATIONS MUST BE MADE PRIOR TO WORK ON–SITE. NOTIFY MISS UTILITY OF MARYLAND (1–800–257–7777; www.missutility.net) AT LEAST 48 HOURS, BUT NOT MORE THAN 10 WORKING DAYS, PRIOR TO THE DAY EXCAVATION WILL COMMENCE. MISS UTILITY OF MARYLAND IS NOT EXPECTED TO HAVE COMPLETE RECORD OF UTILITIES FOR THE MIDDLE RIVER COMPLEX. IN ADDITION TO NOTIFYING MISS UTILITY OF MARYLAND, VERIFY UTILITY LOCATIONS PRIOR TO BEGINNING ANY WORK USING A MINIMUM OF TWO PASSIVE METHODS (E.G., ELECTROMAGNETIC INDUCTION, GROUND PENETRATING RADAR, MAGNETIC LOCATORS, ACOUSTIC SURVEY, ETC.). REFER TO FIGURE 4–2 & 4–3 OF THE UTILITY CROSS–CONNECTION INVESTIGATION BY TETRA TECH IN 2011, WHICH INCLUDE THE HISTORICAL UTILITIES INFORMATION IN BLOCK G.
8. INSPECT THE SITE PRIOR TO CONSTRUCTION TO VERIFY EXISTING SITE CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMPACTING CONSTRUCTION.
9. THE SOLE LOCATION FOR INGRESS AND EGRESS TO THE SITE SHALL BE VIA CONSTRUCTION ENTRANCE WHICH SHALL BE CONSTRUCTED ACCORDING TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN. PROVIDE INGRESS/EGRESS CONTROL INTO THE SITE AS PART OF MOBILIZATION ACTIVITIES.
10. PROVIDE PROTECTION FOR EXISTING TREES TO REMAIN.
11. MAINTAIN WORK AREAS FREE FROM DUST AND ODORS.
12. THE STORM WATER POLLUTION PREVENTION PLAN IS COMPRISED OF THE EROSION CONTROL DRAWINGS, STANDARD DETAILS, AND SPECIFICATIONS.
13. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLANS AND SPECIFICATIONS ALONG WITH KNOWLEDGE OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, DATED MAY 2011".
14. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE STORM WATER POLLUTION PREVENTION PLANS AND "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL".
15. BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR AS DEEMED NECESSARY BY FIELD OBSERVATION.
16. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
17. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE CONTAINED AND PROPERLY TREATED OR DISPOSED OF.
18. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEANUP FUEL OR CHEMICAL SPILLS AND LEAKS.
19. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
20. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
21. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. LEAVE THE SITE IN A CLEAN, SAFE, WELL DRAINING, AND NEAT CONDITION.
22. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 7 DAYS, SHALL BE TEMPORARILY STABILIZED AS SOON AS WEATHER PERMITS.
23. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SOON AS WEATHER PERMITS.
24. IF THE ACTION OF VEHICLES TRAVELING OVER THE CONSTRUCTION ENTRANCE IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
25. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
26. ON–SITE & OFF–SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL NOTE THE ADDITIONAL STOCKPILE AND BORROW AREA LOCATIONS ON THE SITE MAP, IF THEY ARE APPROVED BY THE OWNER'S REPRESENTATIVE.

GENERAL NOTES (CONTINUED):

27. PROVIDE EROSION CONTROLS ON SLOPES AND SWALES TRAVERSING, BORDERING, OR LEAVING THE SITE. LIMIT THE WATER FLOW TO A NON–EROSIVE VELOCITY.
28. CONTRACTOR SHALL PLACE EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 (H:V) AND STEEPER PER MANUFACTURERS REQUIREMENTS.
29. CONTRACTOR SHALL PROVIDE TEMPORARY SECURITY FENCING WHERE THE CONSTRUCTION SITE IS ACCESSIBLE FROM THE ADJACENT LOT. (SEE THE EROSION AND SEDIMENT CONTROL PLANS)
30. REMOVE ALL TEMPORARY MEASURES AT THE COMPLETION OF CONSTRUCTION, AFTER STABILIZATION HAS BEEN COMPLETED.
31. CONTRACTOR SHALL PROVIDE A ONE YEAR EROSION/STABILIZATION MONITORING PLAN (I.E. MONTHLY SITE WALK AND SITE VISITS AFTER MAJOR RAINFALL EVENTS).

GENERAL GRADING NOTES AND CERTIFICATIONS:

1. THE PROPOSED GRADING SHOWN ON THIS PLAN MEETS THE REQUIREMENTS SET FORTH BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY AND COMPLIES WITH ARTICLE 33, TITLE 5 OF THE BALTIMORE COUNTY CODE. HOWEVER, DUE TO BUILDING TYPES AND LAYOUT, SOME FIELD ADJUSTMENTS MAY BE REQUIRED. ALL CHANGES MUST COMPLY WITH THE ABOVE MENTIONED REQUIREMENTS.
2. ALL SWALES HAVE BEEN DESIGNED BY THE ENGINEER TO CONVEY RUNOFF ACCORDING TO BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN STANDARDS.
3. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN WETLANDS, EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.
4. STORMWATER MANAGEMENT HAS BEEN ADDRESSED/APPROVED BY/THROUGH STORMWATER MANAGEMENT VARIANCE.

OWNER'S / DEVELOPER'S CERTIFICATION - GRADING:

I/WE HEREBY CERTIFY THAT ALL GRADING ON THIS SITE WILL BE DONE IN ACCORDANCE WITH THE CURRENT GRADING REQUIREMENTS AS SET FORTH BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY AND WITH THE REQUIREMENTS SPECIFIED IN ARTICLE 33, TITLE 5 OF THE BALTIMORE COUNTY CODE.

SIGNATURE OF OWNER / DEVELOPER	TITLE	DATE
[signature]	PROJECT LEAD	MAY 30, 2013

PRINT NAME: THOMAS D. BLACKMAN

OWNER'S / DEVELOPER'S CERTIFICATION - AIR QUALITY:

I ACKNOWLEDGE THAT I AM RESPONSIBLE UNDER THE CODE OF MARYLAND REGULATION (26.11.06.03) TO PREVENT PARTICULATE MATTER FROM BECOMING AIRBORNE DUE TO GRADING, LAND CLEARING, EXCAVATION, CONSTRUCTION OR OTHER RELATED ACTIVITIES. I HAVE RECEIVED A COPY OF "GUIDELINES TO THE AIR POLLUTION REGULATIONS FOR CONTROLLING EXCESS ABP (DUST) ON ACTIVITY SITES" WHICH INCLUDE A COPY OF COMAR 26.11.06.03. I WILL CONTACT THE ENVIRONMENTAL HEALTH SECTION AT 887-4065 AT LEAST THREE DAYS PRIOR TO BEGINNING WORK.

OWNER / DEVELOPER SIGNATURE	TITLE	DATE
[signature]	PROJECT LEAD	MAY 30, 2013

PRINTED NAME: THOMAS D. BLACKMAN

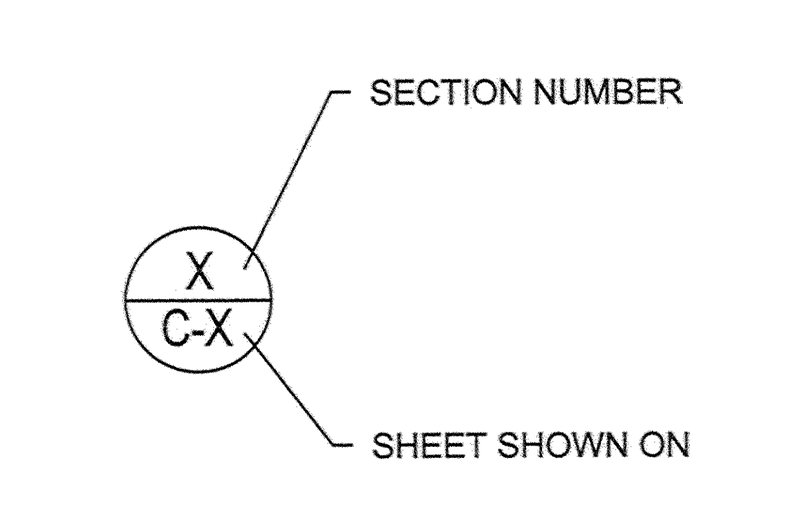
LEGEND

EXISTING

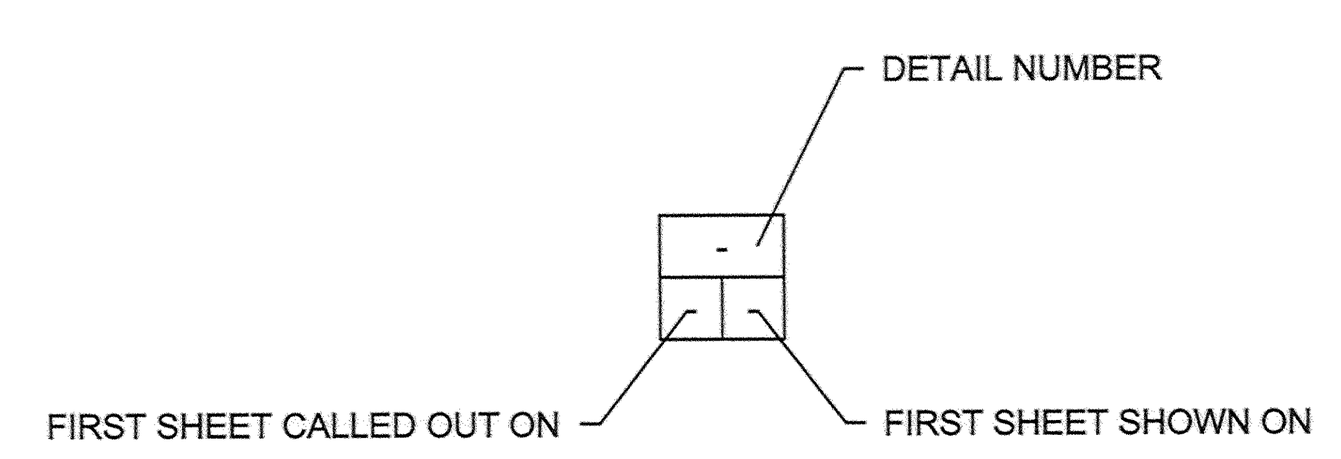
- PROPERTY LINE
- EDGE OF PAVEMENT
- COMMUNICATION PAD
- ELECTRIC BOX
- UTILITY POLE
- UTILITY MANHOLE
- FIRE HYDRANT
- TREE LINE
- WATER VALVE (WV)
- GAS VALVE (GV)
- MONITOR WELL
- CB — STORM SEWER INLET
- 15.87 — GROUND SHOT
- 15 — MAJOR CONTOUR (5')
- 14 — MINOR CONTOUR (1')
- OE — OVERHEAD ELECTRIC
- UE — UNDERGROUND ELECTRIC
- W — DOMESTIC WATER
- FW — FIRE WATER
- X — CHAIN LINK/WIRE
- G — GAS LINE
- 18" CMP — STORM SEWER (18" CORRUGATED METAL PIPE)
- BUILDING
- EXISTING WETLANDS

PROPOSED

- 15" RCP — STORM SEWER W/ JUNCTION BOX OR OUTLET STRUCTURE
- 15 — MAJOR CONTOUR (5')
- 14 — MINOR CONTOUR (1')
- UTILITIES TO BE REMOVED
- CONCRETE FOUNDATION TO BE REMOVED



SECTION INDICATOR



DETAIL INDICATOR

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STATE OF MARYLAND — SHIVA KUMAR — 25855 — PROFESSIONAL ENGINEER

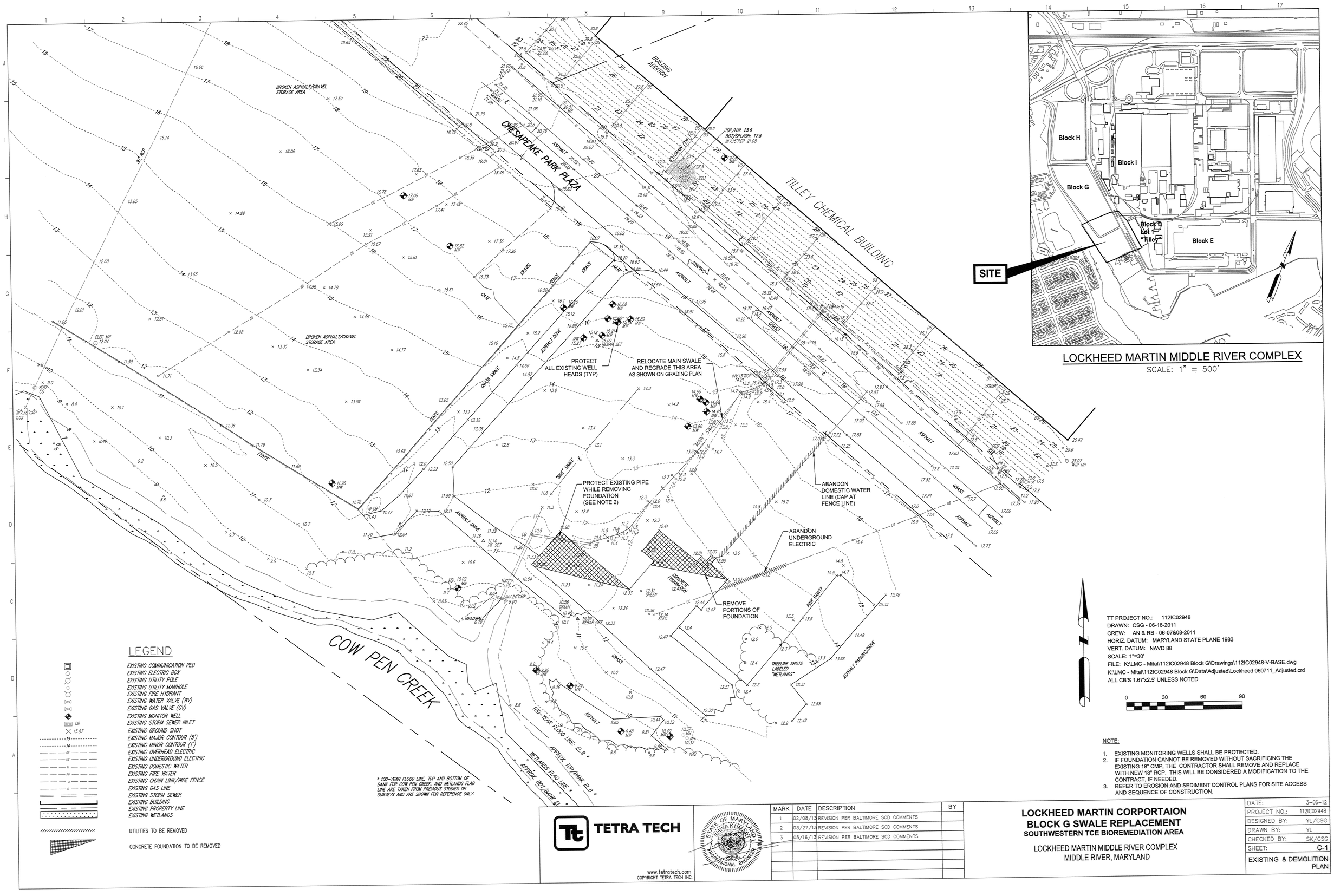
MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
3	05/16/13	REVISION PER BALTIMORE SCD COMMENTS	

LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	3–06–12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	G-2

NOTES AND LEGEND



LOCKHEED MARTIN MIDDLE RIVER COMPLEX

SCALE: 1" = 500'

LEGEND

- EXISTING COMMUNICATION PED
- EXISTING ELECTRIC BOX
- EXISTING UTILITY POLE
- EXISTING UTILITY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE (WV)
- EXISTING GAS VALVE (GV)
- EXISTING MONITOR WELL
- EXISTING STORM SEWER INLET
- EXISTING GROUND SHOT
- EXISTING MAJOR CONTOUR (5')
- EXISTING MINOR CONTOUR (1')
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING DOMESTIC WATER
- EXISTING FIRE WATER
- EXISTING CHAIN LINK/WIRE FENCE
- EXISTING GAS LINE
- EXISTING STORM SEWER
- EXISTING BUILDING
- EXISTING PROPERTY LINE
- EXISTING WETLANDS

UTILITIES TO BE REMOVED

CONCRETE FOUNDATION TO BE REMOVED

TT PROJECT NO.: 112IC02948
DRAWN: CSG - 06-16-2011
CREW: AN & RB - 06-07&08-2011
HORIZ. DATUM: MARYLAND STATE PLANE 1983
VERT. DATUM: NAVD 88
SCALE: 1"=30'
FILE: K:\LMC - Mitall\112IC02948 Block G\Drawings\112IC02948-V-BASE.dwg
K:\LMC - Mitall\112IC02948 Block G\Data\Adjusted\Lockheed 060711_Adjusted.crd
ALL CB'S 1.67'x2.5' UNLESS NOTED

0 30 60 90

NOTE:

1. EXISTING MONITORING WELLS SHALL BE PROTECTED.
2. IF FOUNDATION CANNOT BE REMOVED WITHOUT SACRIFICING THE EXISTING 18" CMP, THE CONTRACTOR SHALL REMOVE AND REPLACE WITH NEW 18" RCP. THIS WILL BE CONSIDERED A MODIFICATION TO THE CONTRACT, IF NEEDED.
3. REFER TO EROSION AND SEDIMENT CONTROL PLANS FOR SITE ACCESS AND SEQUENCE OF CONSTRUCTION.

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STATE OF MARYLAND — SHIVA KUMAR — 22855 — PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
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2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
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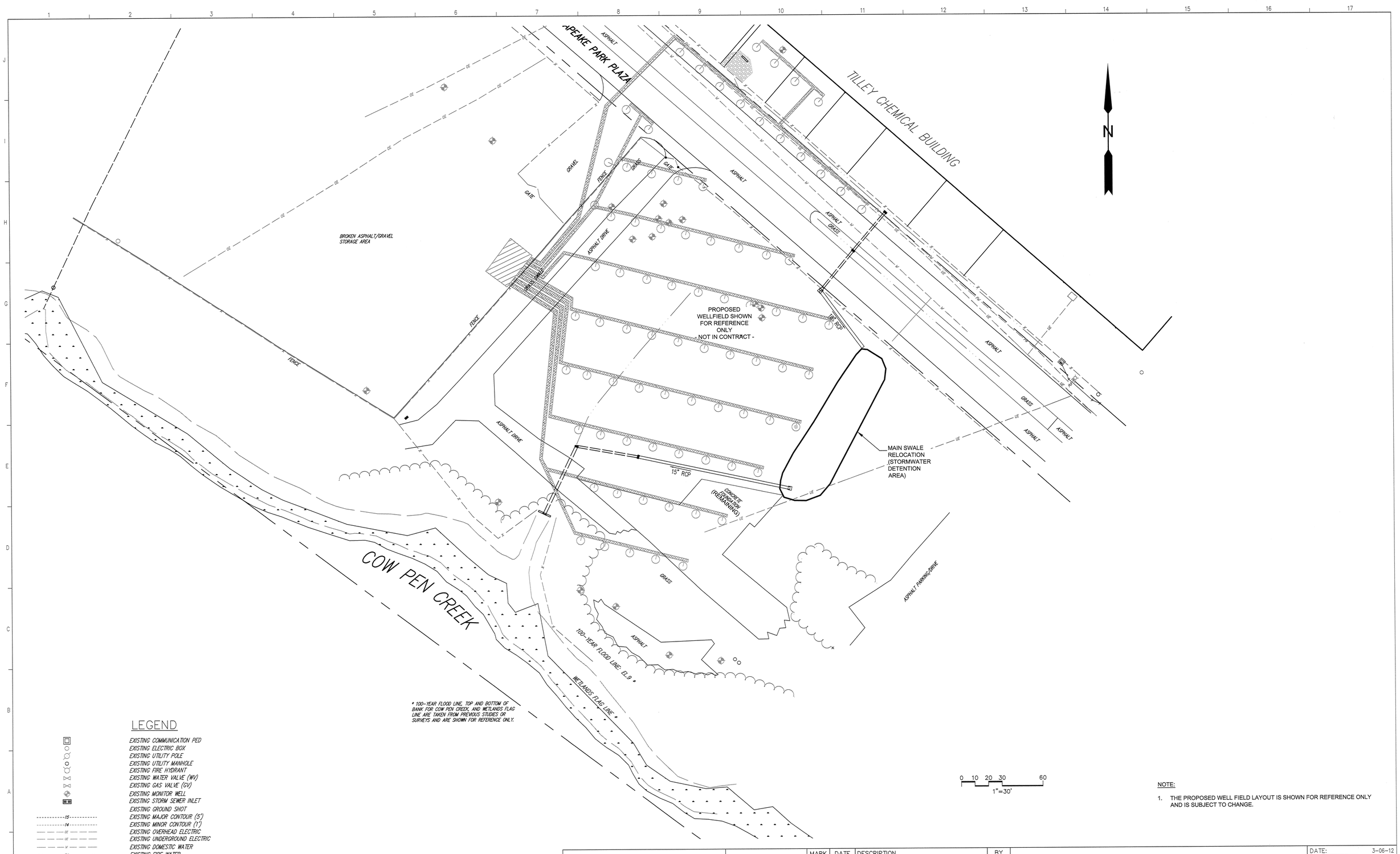
LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	3-06-12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	C-1

EXISTING & DEMOLITION PLAN



LEGEND

- EXISTING COMMUNICATION PED
- EXISTING ELECTRIC BOX
- EXISTING UTILITY POLE
- EXISTING UTILITY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE (WV)
- EXISTING GAS VALVE (GV)
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- EXISTING UNDERGROUND ELECTRIC
- EXISTING DOMESTIC WATER
- EXISTING FIRE WATER
- EXISTING CHAIN LINK/WIRE FENCE
- EXISTING GAS LINE
- EXISTING STORM SEWER
- EXISTING BUILDING
- EXISTING PROPERTY LINE
- EXISTING WETLANDS
- PROPOSED STORM SEWER STRUCTURE
- PROPOSED STORM SEWER

NOTE:

1. THE PROPOSED WELL FIELD LAYOUT IS SHOWN FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE.

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STATE OF MARYLAND — SHIVA KUMAR — PROFESSIONAL ENGINEER

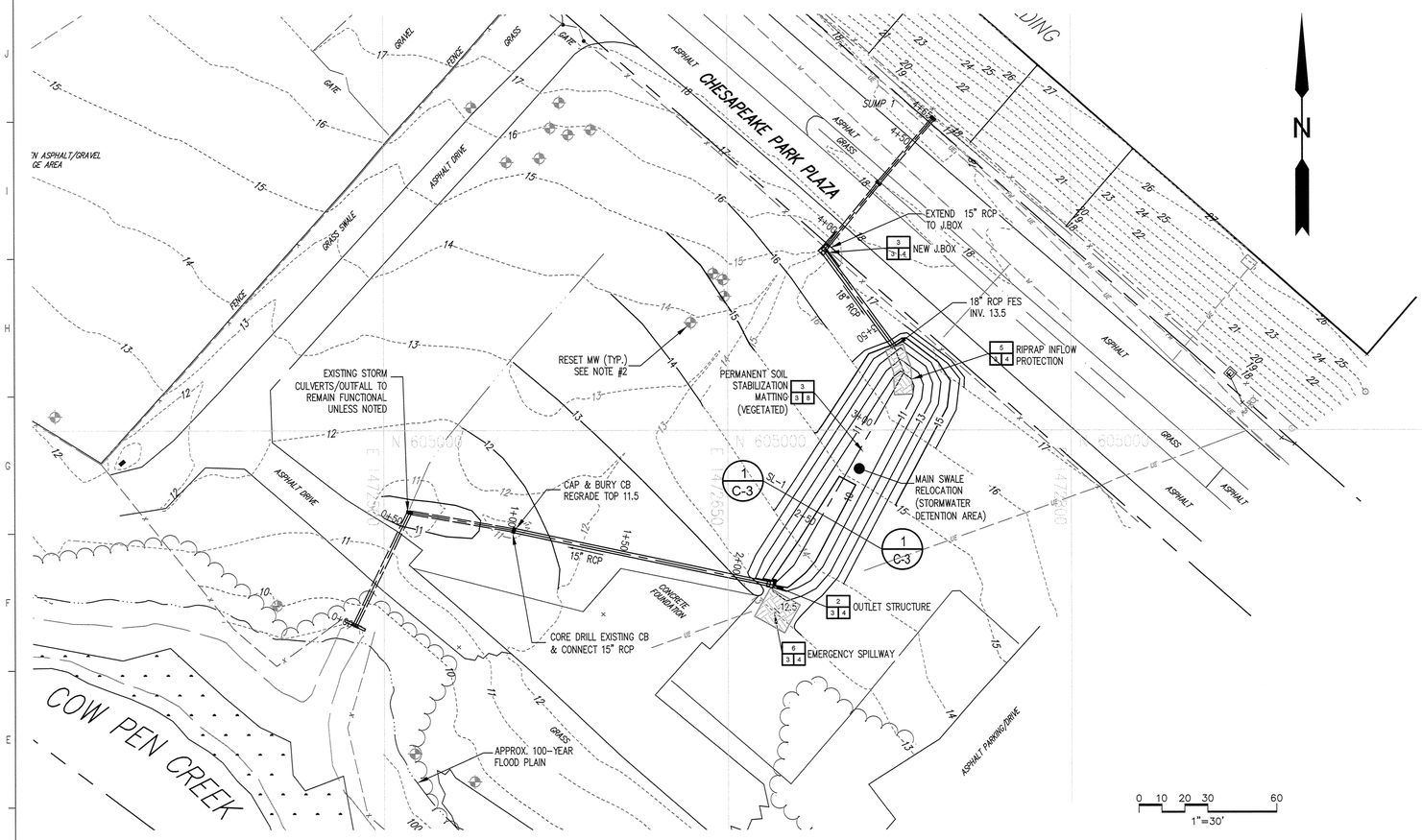
MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
3	05/16/13	REVISION PER BALTIMORE SCD COMMENTS	

LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

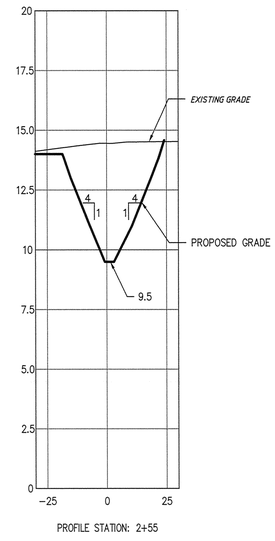
DATE:	3-06-12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	C-2

SITE LAYOUT PLAN



PLAN: PROPOSED SITE GRADING

PROFILE: PROPOSED STORM SEWER SYSTEM
SCALE: HORIZ. 1" = 30' VERT. 1" = 3'



1 C-3 SECTION: PROPOSED BLOCK G SWALE
SCALE: HORIZ. 1" = 30' VERT. 1" = 3'

LEGEND

- EXISTING COMMUNICATION PED
- EXISTING ELECTRIC BOX
- EXISTING UTILITY POLE
- EXISTING UTILITY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE (WV)
- EXISTING GAS VALVE (GV)
- EXISTING MONITOR WELL
- EXISTING STORM SEWER INLET
- EXISTING GROUND SHOT
- EXISTING MAJOR CONTOUR (5')
- EXISTING MINOR CONTOUR (1')
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING DOMESTIC WATER
- EXISTING FIRE WATER
- EXISTING CHAIN LINK/WIRE FENCE
- EXISTING GAS LINE
- EXISTING STORM SEWER
- EXISTING BUILDING
- EXISTING PROPERTY LINE
- EXISTING WETLANDS
- PROPOSED STORM SEWER STRUCTURE
- PROPOSED STORM SEWER
- 100-YEAR FLOOD PLAIN
- × 12.5 PROPOSED SPOT GRADE
- RIPRAP PROTECTION

NOTES

1. CONTRACTOR SHALL ADHERE TO THE GRADING PLAN THAT IS APPROVED BY BALTIMORE COUNTY.
2. CONTRACTOR SHALL RAISE WELL HEADS TO THE PROPOSED GRADING ELEVATION SHOWN.

OWNER'S / DEVELOPER'S CERTIFICATION - GRADING:

I/WE HEREBY CERTIFY THAT ALL GRADING ON THIS SITE WILL BE DONE IN ACCORDANCE WITH THE CURRENT GRADING REQUIREMENTS AS SET FORTH BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY AND WITH THE REQUIREMENTS SPECIFIED IN ARTICLE 33, TITLE 5 OF THE BALTIMORE COUNTY CODE.

Thomas D. Blakeman — PROJECT LEAD — 5/24/2013

SIGNATURE OF OWNER / DEVELOPER — TITLE — DATE

THOMAS D. BLAKEMAN

PRINT NAME

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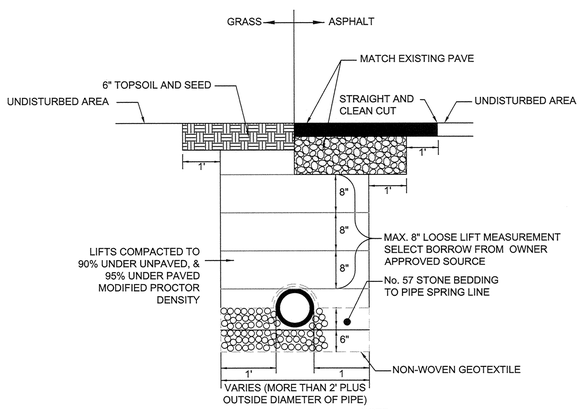
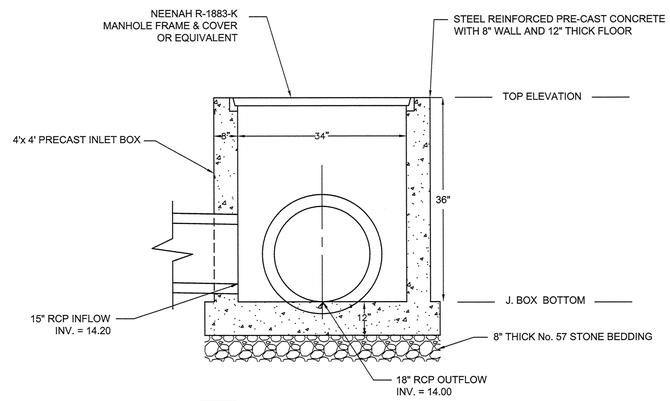
SHEET:	C-3

SITE GRADING PLAN & PROFILE



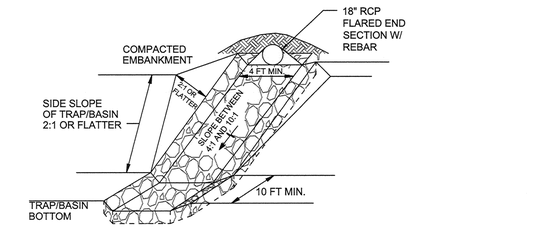
NOTE:
WARNING TAPE SHALL BE LOCATED 12 INCHES BELOW FINISHED GRADE.

1 / 3 4 TYPICAL TRENCH
NOT TO SCALE

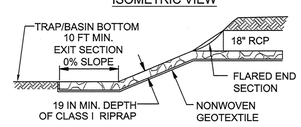


3 / 3 4 JUNCTION BOX
NOT TO SCALE

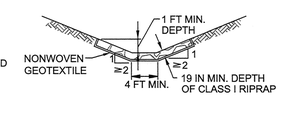
SIZING CHART	L x W x H	BOTTOM	TOP ELEVATION
JUNCTION BOX	34"x 34" x 36"	14.00	17.00



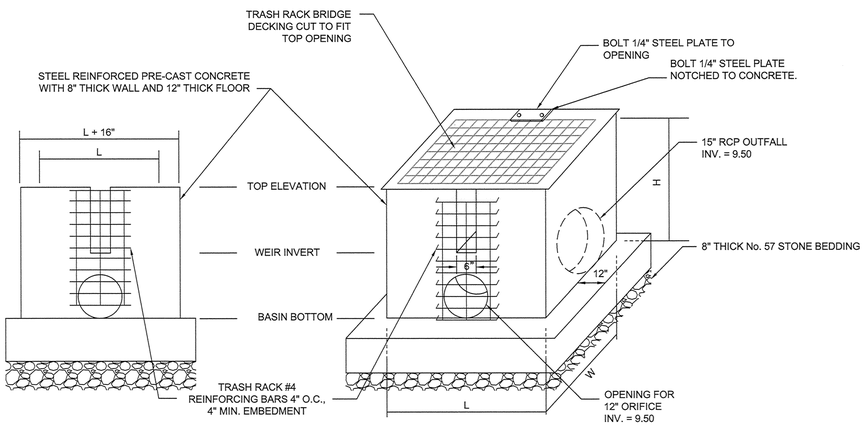
ISOMETRIC VIEW



PROFILE ALONG CENTERLINE



CROSS SECTION



SIZING CHART	L x W x H	BASIN BOTTOM	WEIR INVERT	TOP ELEVATION
OUTLET STRUCTURE	2'-0" x 2'-0" x 3'-0"	9.50	11.00	12.50

2 / 3 4 OUTLET STRUCTURE
NOT TO SCALE

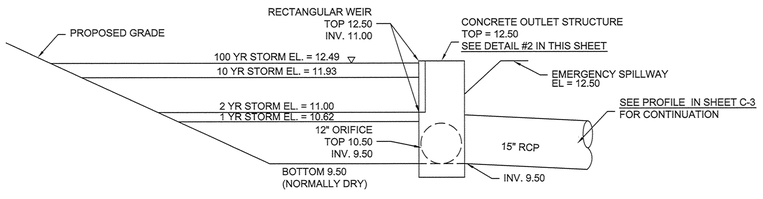
STONE SIZE SPECIFICATIONS

	SIZE RANGE	D_{50}	D_{100}	AASHTO	MIDSIZE WEIGHT***
NUMBER 57*	3/8" - 1 1/2"	1/2"	1 1/2"	M-43	N/A
NUMBER 1	2" - 3"	2 1/2"	3"	M-43	N/A
RIP-RAP** (CLASS 0)	4" - 7"	5 1/2"	7"	N/A	N/A
CLASS I	N/A	9.5"	15"	N/A	40 LB
CLASS II	N/A	16"	24"	N/A	200 LB
CLASS III	N/A	23"	34"	N/A	600 LB

* THIS CLASSIFICATION IS TO BE USED ON THE UPSTREAM FACE OF STONE OUTLETS AND CHECK DAMS.
** THIS CLASSIFICATION IS TO BE USED FOR GABIONS.
*** OPTIMUM GRADATION IS 50 PERCENT OF THE STONE BEING ABOVE AND 50 PERCENT BELOW THE MIDSIZE.

STONE MUST BE COMPOSED OF A WELL GRADED MIXTURE OF STONE SIZED SO THAT FIFTY (50) PERCENT OF THE PIECES BY WEIGHT ARE LARGER THAN THE SIZE DETERMINED BY USING THE CHARTS. A WELL GRADED MIXTURE, AS USED HEREIN, IS DEFINED AS A MIXTURE COMPOSED PRIMARILY OF LARGER STONE SIZES BUT WITH A SUFFICIENT MIXTURE OF OTHER SIZES TO FILL THE SMALLER VOIDS BETWEEN THE STONES. THE DIAMETER OF THE LARGEST STONE IN SUCH A MIXTURE MUST NOT EXCEED THE RESPECTIVE D_{100} SELECTED FROM THIS TABLE. THE D_{50} REFERS TO THE MEDIAN DIAMETER OF THE STONE. THIS IS THE SIZE FOR WHICH 50 PERCENT, BY WEIGHT, WILL BE SMALLER AND 50 PERCENT WILL BE LARGER.

NOTE:
RECYCLED CONCRETE EQUIVALENT MAY BE SUBSTITUTED FOR ALL STONE CLASSIFICATIONS FOR TEMPORARY CONTROL MEASURES ONLY. CONCRETE BROKEN INTO THE SIZES MEETING THE APPROPRIATE CLASSIFICATION, CONTAINING NO STEEL REINFORCEMENT, AND HAVING A MINIMUM DENSITY OF 150 POUNDS PER CUBIC FOOT MAY BE USED AS AN EQUIVALENT.



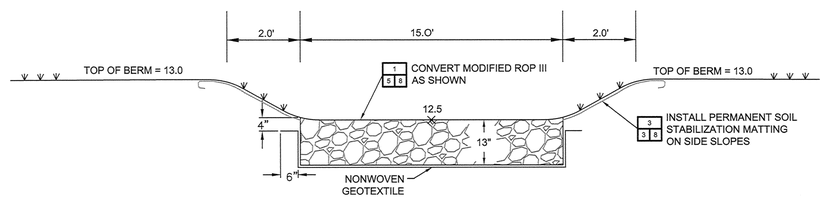
NOTE:
1. REFER TO SHEET C-3 FOR PLAN VIEW.
2. ALL JOINTS AND CONNECTIONS MUST BE WATERTIGHT.
3. THE PRINCIPAL SPILLWAY BARRELS SHALL BE IN ACCORDANCE WITH ASTM C-361.

4 / 3 4 DETENTION BASIN STORM ELEVATIONS
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. PROVIDE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SHEET C-7, UNDER THE BOTTOM AND ALONG SIDES OF ALL RIPRAP.
2. CONSTRUCT INFLOW CHANNEL WITH CLASS I RIPRAP OR EQUIVALENT RECYCLED CONCRETE LINING TO A MINIMUM DEPTH OF 19 INCHES (2 x D_{50}) AND A 1 FOOT DEEP FLOW CHANNEL. INFLOW RIPRAP PROTECTION CHANNEL MUST HAVE A TRAPEZOIDAL CROSS SECTION WITH 2:1 OR FLATTER SIDE SLOPES AND A 4 FOOT MINIMUM BOTTOM WIDTH.
3. INSTALL ENTRANCE AND EXIT SECTIONS AS SHOWN ON THE PROFILE.
4. BLEND RIPRAP INTO EXISTING GROUND.
5. MAINTAIN LINE, GRADE, AND CROSS SECTION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. KEEP POINTS OF INFLOW AND OUTFLOW FREE OF EROSION.

5 / 3 4 MODIFIED RIPRAP INFLOW PROTECTION
NOT TO SCALE



NOTE:
ELEVATIONS SHOWN ARE FINAL GRADING AFTER SETTLEMENT. THE ACHIEVEMENT OF PLANNED ELEVATIONS, GRADES, DESIGN WIDTH, CHANNEL SLOPES ARE CRITICAL TO THE SUCCESSFUL OPERATION OF THE EMERGENCY SPILLWAY.

6 / 3 4 EMERGENCY SPILLWAY
NOT TO SCALE

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SIGNATURE OF OWNER / DEVELOPER — TITLE: PROJECT LEAD — DATE: 5/24/2013

PRINT NAME: THOMAS D. BLAKEMAN

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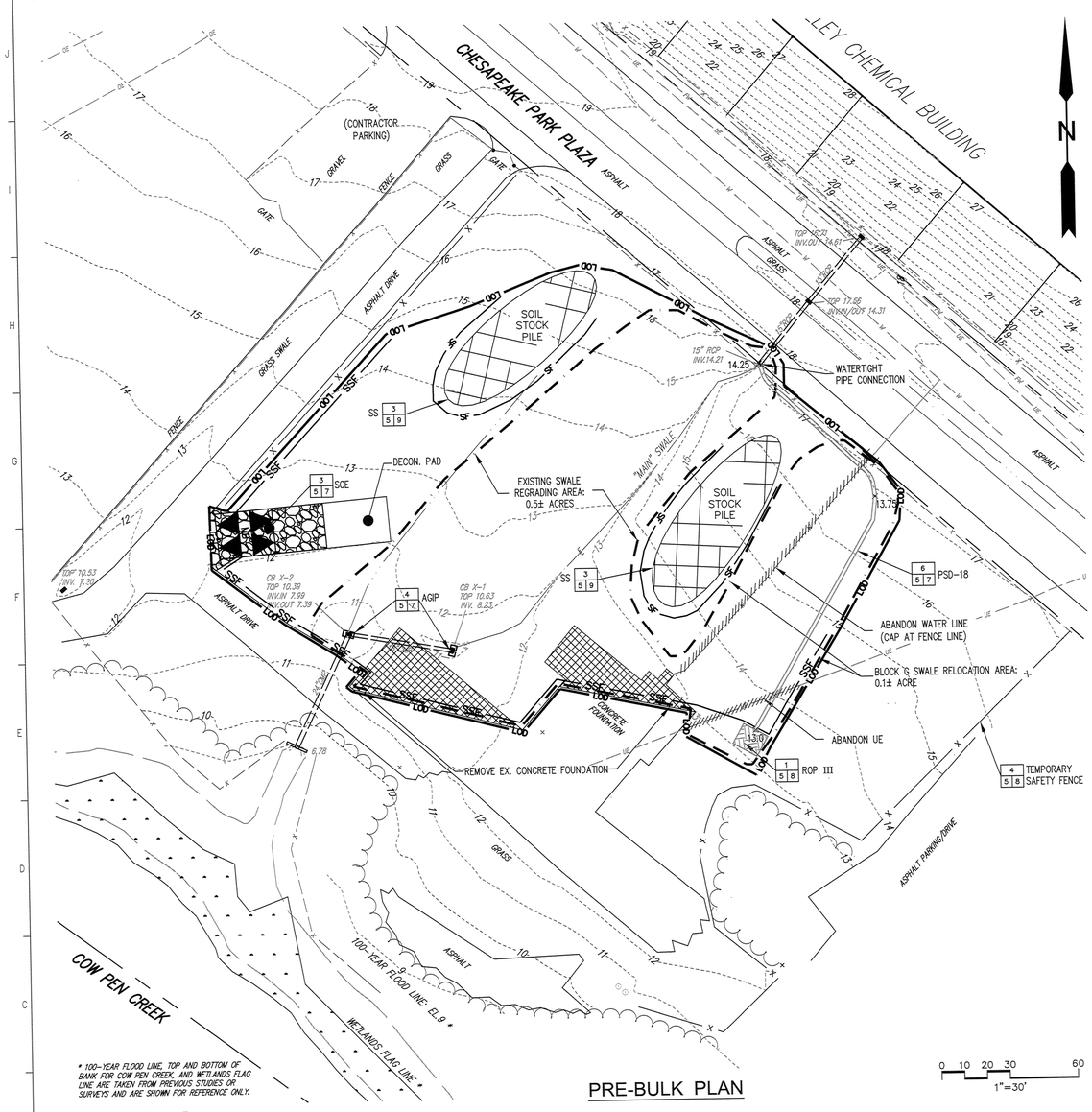
STORM WATER MANAGEMENT DETAILS



* 100-YEAR FLOOD LINE, TOP AND BOTTOM OF BANK FOR COW PEN CREEK, AND WETLANDS FLAG LINE ARE TAKEN FROM PREVIOUS STUDIES OR SURVEYS AND ARE SHOWN FOR REFERENCE ONLY.

PRE-BULK PLAN

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF GRADING
- TEMPORARY SOIL STOCKPILE AREA
- AT-GRADE INLET PROTECTION
- SF — SILT FENCE
- SSF — SUPER SILT FENCE
- X — TEMPORARY SAFETY FENCE
- LOD — LIMIT OF DISTURBANCE
- ROCK/RIPRAP PROTECTION
- FLEXIBLE PIPE SLOPE DRAIN (PSD-18) (TEMPORARY BYPASS LINE)

- EXISTING COMMUNICATION PED
- EXISTING ELECTRIC BOX
- EXISTING UTILITY POLE
- EXISTING UTILITY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE (WV)
- EXISTING GAS VALVE (GV)
- EXISTING MONITOR WELL
- EXISTING STORM SEWER INLET
- EXISTING GROUND SHOT
- EXISTING MAJOR CONTOUR (5')
- EXISTING MINOR CONTOUR (1')
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING DOMESTIC WATER
- EXISTING FIRE WATER
- EXISTING CHAIN LINK/WIRE FENCE
- EXISTING GAS LINE
- EXISTING STORM SEWER
- EXISTING BUILDING
- EXISTING PROPERTY LINE
- EXISTING WETLANDS
- UTILITIES TO BE REMOVED
- CONCRETE FOUNDATION TO BE REMOVED
- × 12.5 — PROPOSED SPOT GRADE

BALTIMORE COUNTY SPECIFIC EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES:

1. REFER TO "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
2. WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, MINOR FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENT. CHANGES IN SEDIMENT CONTROL PRACTICES, REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT.
3. AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL PRACTICES WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
4. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A.) THREE CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN THREE HORIZONTAL TO ONE VERTICAL (3:1), AND B.) SEVEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
5. ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN REQUIRES RE-SUBMISSION TO BALTIMORE COUNTY SOIL CONSERVATION DISTRICT FOR APPROVAL.
6. DUST CONTROL WILL BE PROVIDED FOR ALL DISTURBED AREAS. REFER TO "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", PG. H-22, FOR ACCEPTABLE METHODS AND SPECIFICATIONS FOR DUST CONTROL.
7. ANY VARIATIONS FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.
8. EXCESS CUT OR BORROW MATERIAL SHALL GO TO, OR COME FROM, RESPECTIVELY, A SITE WITH AN OPEN GRADING PERMIT AND APPROVED SEDIMENT CONTROL PLAN.
9. THE FOLLOWING ITEM MAY BE USED AS APPLICABLE: REFER TO MARYLAND'S GUIDELINES TO WATERWAY CONSTRUCTION" BY THE WATER MANAGEMENT ADMINISTRATION OF THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, REVISED NOVEMBER 2000, FOR THE STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN FOR WATERWAY CONSTRUCTION.
10. PUMPING SEDIMENT-LADEN WATER INTO WATERS OF THE STATE IS STRICTLY PROHIBITED. ANY PORTABLE DEWATERING DEVICE MUST BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.

SITE INFORMATION:

a. TOTAL AREA OF BLOCK G = 13.1 ACRES
b. AREA WITHIN LIMITS OF DISTURBANCE = 1.0 ACRES (43,490 SQFT)
c. AREA TO BE ROOFED OR PAVED = 0 ACRES
d. TOTAL CUT = 640 CUBIC YARDS
e. TOTAL FILL = 220 CUBIC YARDS
f. OFF-SITE WASTE / BORROW AREA LOCATION - LOCATIONS NOT YET DETERMINED

REFER TO DRAWING FOR LIMITS OF DISTURBANCE, CUT/FILL AREA IN BLOCK G.

SEQUENCE OF OPERATIONS:

- OWNER INTENDS TO FURNISH AN APPROVED GRADING PLAN AND NPDES CONSTRUCTION STORMWATER PERMIT UNLESS THE PERFORMING CONTRACTOR SEEKS A DESIGN MODIFICATION.
- THE CONTRACTOR SHALL VERIFY THAT ALL APPLICABLE EARTH DISTURBANCE PERMITS, PLANS, AND CERTIFICATES PERTAINING TO EROSION AND SEDIMENT CONTROL HAVE BEEN APPROVED, SIGNED, AND POSTED ON-SITE (IF REQUIRED). CONTRACTOR SHALL APPLY FOR (BE THE PERMITTEE) THE NPDES CONSTRUCTION ACTIVITY PERMIT AND COMPLY WITH ALL SUBSTANTIVE REQUIREMENTS OF SUCH PERMITS.
- CONTACT MISS UTILITY TO LOCATE ALL SITE UTILITIES WITHIN LIMITS OF DISTURBANCE. FOLLOWING UTILITY LOCATION, VISIT SITE TO VERIFY SITE CONDITIONS.
- IF SIGNIFICANT CHANGES TO E&S PERIMETER CONTROLS DEFINED IN APPROVED SEDIMENT CONTROL PLAN AND GRADING PERMIT ARE MADE, CONTRACTOR SHALL ADHERE TO THE PROCEDURE IN BALTIMORE COUNTY GENERAL NOTES.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE OWNER.

PRE-BULK PLAN

1. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, (410) 887-3226 AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. THIS PROJECT REQUIRES STATE/FEDERAL PERMITS DUE TO IN-STREAM CONSTRUCTION, IT SHALL BE NECESSARY TO NOTIFY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, INSPECTION AND COMPLIANCE PROGRAM, (410) 537-3510 AT LEAST 5 DAYS PRIOR TO BEGINNING WORK.
2. IF APPLICABLE, ORANGE HIGH VISIBILITY FENCE SHALL BE MANUALLY INSTALLED ALONG THE LIMIT OF DISTURBANCE, WHERE THE LIMIT IS WITHIN 50 FEET OF THE FOREST BUFFER/CONSERVATION EASEMENT. THIS SHALL BE COMPLETED BY AND INSPECTED AT THE PRE-CONSTRUCTION MEETING.
3. CLEAR AND GRUB FOR SEDIMENT & EROSION CONTROL MEASURES OR DEVICES ONLY. A PORTION OF CONCRETE SHALL BE REMOVED TO INSTALL THE SUPER SILT FENCE. CONTRACTOR MAY SELECT SUPER SILT FENCE FOR PAVED AREAS AS AN ALTERNATIVE.
4. INSTALL ALL SEDIMENT & EROSION CONTROL MEASURES AND DEVICES AS SHOWN. A 18" FLEXIBLE PIPE SHALL BE FASTENED WITH A WATERTIGHT CONNECTION TO THE EXISTING 15" RCP AND CONTRACTOR SHALL MAINTAIN THE MINIMUM 18-INCH DIAMETER TEMPORARY BYPASS LINE WITH POSITIVE SLOPE FROM CHESAPEAKE PARK PLAZA TO THE DISCHARGE POINT (ROP III) AT ALL TIMES WHETHER OR NOT PIPE IS SHIFTED. MAJORITY OF THE FLEXIBLE PIPE WILL NEED TO BE TRENCHED AND LAID ON SUBGRADE ELEVATIONS TO ESTABLISH POSITIVE GRADE. TEMPORARILY BACKFILL AND TAMP SOIL ONCE PIPE IS LAID. PROVIDE SEED AND MULCH TO THE SURFACE.
5. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, UPON COMPLETION OF SAID INSTALLATION.
6. WITH THE APPROVAL OF BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, AND THE SEDIMENT CONTROL INSPECTOR, BEGIN TO CLEAR AND GRUB REMAINDER OF SITE AND START STRIPPING TOPSOIL WITHIN SWALE GRADING AREA.
7. REMOVE REMAINING PORTIONS OF EXISTING CONCRETE FOUNDATION, AND ABANDON WATER LINE, AND UNDERGROUND ELECTRIC LINE AS SHOWN ON THE EXISTING AND DEMOLITION PLAN (SHEET C-1).
8. REMOVE ALL CONTAMINATED SOIL OFFSITE IN ACCORDANCE WITH GENERAL NOTES ITEM 8. IF NECESSARY, STOCKPILE SOIL TEMPORARILY AT THE LOCATIONS SHOWN ON THE PLAN.
9. STABILIZE THE DISTURBED AREA USING TEMPORARY SEEDING PER THE SPECIFICATIONS.

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
Jeffrey P. West — 5-31-13
DATE

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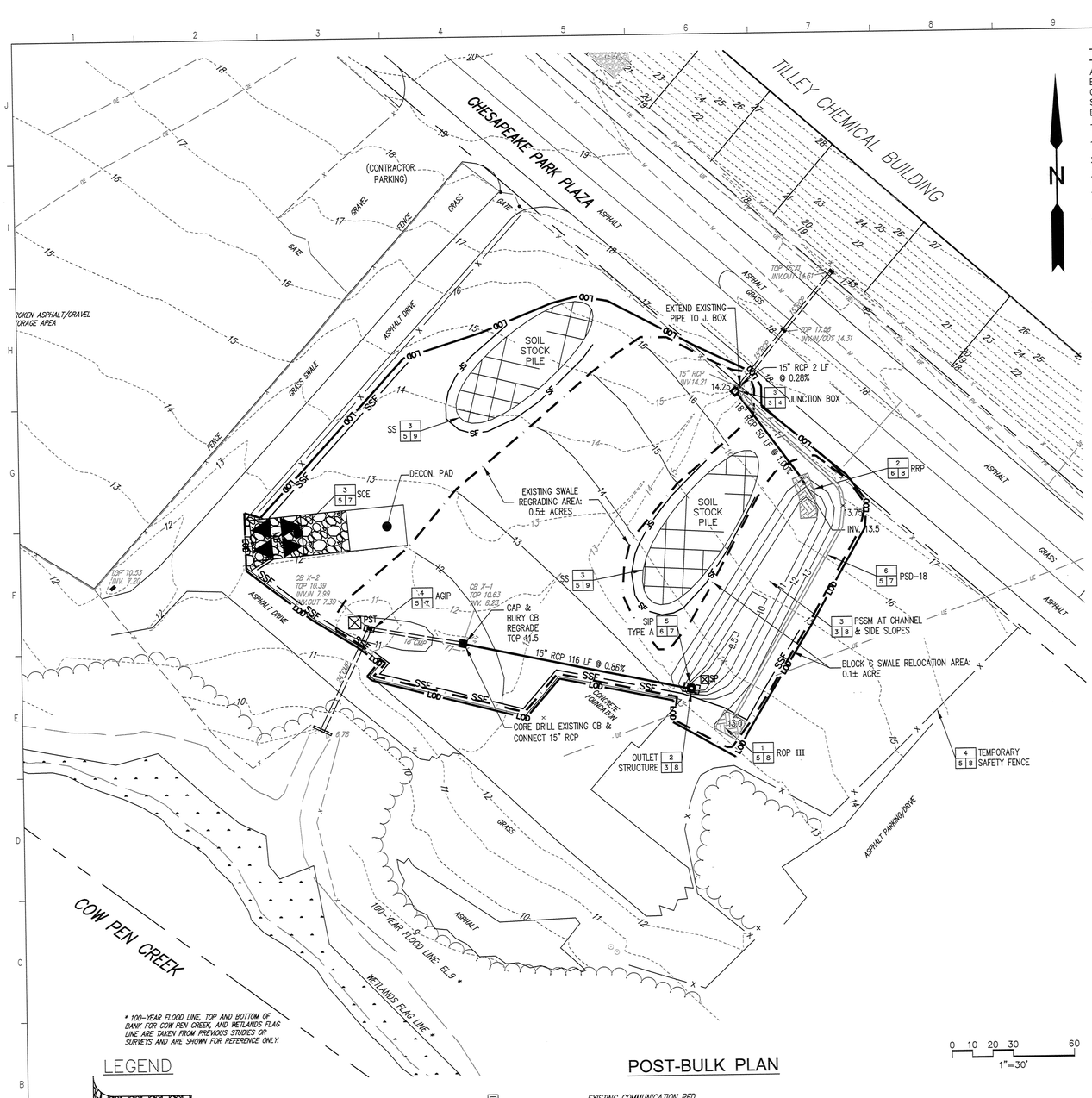
EROSION & SEDIMENT CONTROL PLAN - PRE



LEGEND

- STABILIZED CONSTRUCTION ENTRANCE (SCE)
- LIMIT OF GRADING
- TEMPORARY SOIL STOCKPILE AREA
- AT-GRADE INLET PROTECTION
- STANDARD INLET PROTECTION
- SILT FENCE (SF)
- SUPER SILT FENCE (SSF)
- TEMPORARY SAFETY FENCE (X)
- LIMIT OF DISTURBANCE (LOD)
- ROCK/RIPRAP PROTECTION
- FLEXIBLE PIPE SLOPE DRAIN (PSD-18) (TEMPORARY BYPASS LINE)
- SUMP PIT (SP)
- PORTABLE SEDIMENT TANK (PST)

EXISTING COMMUNICATION PED
EXISTING ELECTRIC BOX
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EXISTING WETLANDS
PROPOSED STORM SEWER STRUCTURE
PROPOSED STORM SEWER
PROPOSED CONTOUR
PROPOSED SPOT GRADE

POST-BULK PLAN

TRAFFIC AND STOCKPILE NOTE:

ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT VIA A STABILIZED CONSTRUCTION ENTRANCE. A WASH RACK SHALL BE PROVIDED AT THE SCE IF VEHICLES BEGIN TO TRACK MUD ONTO ASPHALT DRIVE. CONTRACTOR SHALL REMOVE OR IMPORT DIRT AS REQUIRED. ANY STOCKPILE AREA CREATED FOR THIS PROJECT SHALL BE MANAGED BY A SEDIMENT CONTROL DEVICE AT ALL TIMES.

TEMPORARY STOCKPILES SHALL BE:

1. LOCATED WITHIN THE LIMIT OF DISTURBANCE (LOD).
2. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO.
3. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION.
4. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT.
5. DRAIN TO A FUNCTIONING SEDIMENT SEDIMENT CONTROL DEVICE. POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
6. POSITIONED TO NOT ALTER DRAINAGE DIVIDES.
7. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

INLET PROTECTION NOTE:

THE CONTRACTOR IS REQUIRED TO INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

1. ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.*
2. INLETS ON PRIVATE OR PUBLIC PAVED ROADWAYS OPEN TO THE PUBLIC.

ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE E-23 (OR AS MAY BE AMENDED). THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.

*STORM DRAINS SHALL BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL.

MAINTENANCE NOTE:

SILT FENCE, SUPER SILT FENCE, AND INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED EACH DAY AND AFTER EACH STORM EVENT BY THE CONTRACTOR. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION. ANY DAMAGED OR REMOVED SILT FENCE/SUPER SILT FENCE SHALL BE REPAIRED OR REPLACED BY THE END OF EACH DAY.

ALL OTHER EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED ON A WEEKLY AND AS-NEEDED BASIS (BEFORE AND AFTER RAIN EVENTS) BY A PERSON EXPERIENCED IN EROSION AND SEDIMENT CONTROL PRACTICES, AND SHALL BE REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

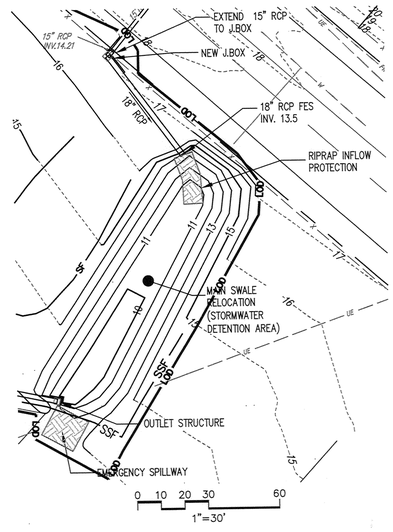
1. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 25% OF FENCE HEIGHT.
2. THE CONSTRUCTION ENTRANCES AND ASPHALT DRIVE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCE AND ASPHALT DRIVE AS CONDITIONS NEEDED OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.

SEQUENCE OF OPERATIONS:

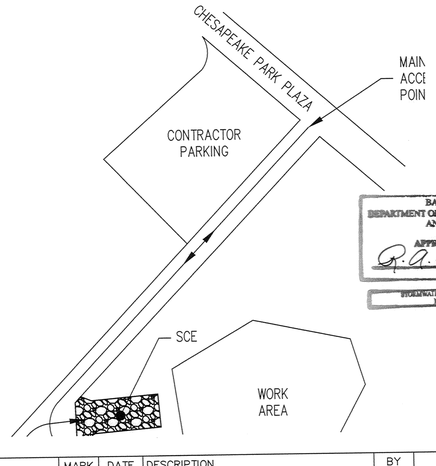
POST-BULK PLAN

1. CONTRACTOR SHALL CHECK THE FLEXIBLE PIPE ON POSITIVE SLOPE AND MAINTAIN THE BYPASS LINE UNTIL COMPLETION OF CONSTRUCTION.
2. EXCAVATE BLOCK G SWALE RELOCATION AREA AND REGRADE EXISTING SWALE AREA AS SHOWN. ALL FILL MATERIAL SHALL BE FREE OF CONTAMINATION.
3. INSTALL STORM DRAIN STRUCTURES INCLUDING JUNCTION BOX AND OUTLET STRUCTURE PER THE APPROVED SWM DETAILS ON SHEET C-4. PROVIDE TYPE 'A' STANDARD INLET PROTECTION AT THE OUTLET STRUCTURE AND STABILIZE THE DRAINAGE AREA. INSTALL TEMPORARY SUMP PIT, PUMP, AND PORTABLE SEDIMENT TANK AS NEEDED.
4. INSTALL THE PROPOSED STORM DRAIN PIPES FROM JUNCTION BOX TO RIPRAP INFLOW PROTECTION AND FROM THE OUTLET STRUCTURE TO THE EXISTING CATCH BASIN, CB X-1.
5. REMOVE AT-GRADE INLET PROTECTION FROM CB X-1 AND CORE DRILL CB X-1 FOR THE PROPOSED 15" RCP CONNECTION AT UPSTREAM. CONTRACTOR SHALL PERFORM THIS WORK UNDER A DRY WEATHER CONDITION.
6. CONTRACTOR MAY INSTALL A NEW CATCH BASIN INSTEAD OF CORE DRILLING AND SHALL PERFORM THIS WORK UNDER A DRY WEATHER CONDITION.
7. CONNECT THE PROPOSED STORM DRAIN (15" RCP) TO CB X-1. SEE THE PROPOSED STORM DRAIN PROFILE ON SHEET C-3.
8. CAP TOP OF CB X-1 WITH METAL COVER. MAINTAIN AT-GRADE INLET PROTECTION AT CB X-2.
9. FINALIZE THE SITE GRADING ACCORDING TO THE APPROVED GRADING PLAN (SHEET C-3).
10. APPLY FINAL VEGETATIVE STABILIZATION FOR THE SITE.
11. ONCE RELOCATED 'G' SWALE (STORMWATER DETENTION AREA) IS STABILIZED AND OPERATIONAL, AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, DETACH FLEXIBLE PIPE FROM EXISTING 15" RCP AND EXTEND STORM DRAIN (NEW 15" RCP) TO THE JUNCTION BOX. THE PIPE CONNECTIONS SHALL BE SEALED WATERTIGHT.
12. MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES IN FULLY FUNCTIONAL CONDITION THROUGHOUT CONTRACT PERIOD. CONTRACTOR IS REQUIRED TO USE ADDITIONAL DEWATERING PRACTICES IF/WHEN NECESSARY. STABILIZE ANY REMAINING SITE AREAS.
13. UPON STABILIZATION OF SITE WITH ESTABLISHED VEGETATION AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE THOSE AREAS DISTURBED BY THIS PROCESS.



BLOCK G SWALE FINAL GRADING INSET

ONCE THE PSD-18 IS REMOVED, THE CONTRACTOR SHALL FINISH THE REMAINING GRADING IN BLOCK G SWALE RELOCATION AREA AS SHOWN.



BALTIMORE COUNTY
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY
APPROVED FOR GRADING 6/13/13
Date
STORMWATER MANAGEMENT PERMIT NOT REQUIRED

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
5-31-13
DATE

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STATE OF MARYLAND — SILVIA KUMER — 28855 — PROFESSIONAL ENGINEER

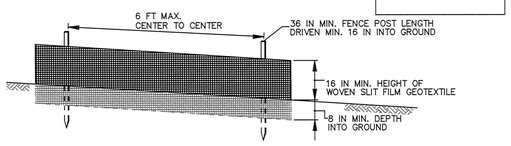
MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
3	05/16/13	REVISION PER BALTIMORE SCD COMMENTS	

LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

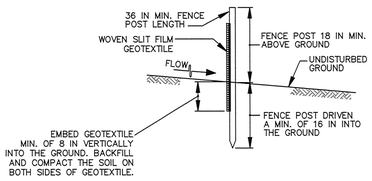
DATE:	3-06-12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	C-6

EROSION & SEDIMENT CONTROL PLAN - POST

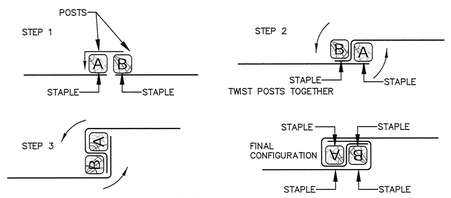
STANDARD SYMBOL
SF



ELEVATION



CROSS SECTION



JOINING TWO ADJACENT SILT
FENCE SECTIONS (TOP VIEW)

CONSTRUCTION SPECIFICATIONS

1. USE WOOD POSTS 1¾ X 1¾ ± 1/16 INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
2. USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
3. USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H–1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID–SECTION.
4. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H–1 MATERIALS.
5. EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
6. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
7. EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
8. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

1 / 5 7 SILT FENCE
NOT TO SCALE

GEOTEXTILE SPECIFICATIONS

		WOVEN SILT FILM		WOVEN MONOFILAMENT		NONWOVEN GEOTEXTILE	
		MINIMUM AVERAGE ROLL VALUE*					
PROPERTY	TEST METHOD	MD	CD	MD	CD	MD	CD
GRAB TENSILE STRENGTH	ASTM D-4632	200 LB	200 LB	370 LB	250 LB	200 LB	200 LB
GRAB TENSILE ELONGATION	ASTM D-4632	15%	10%	15%	15%	50%	50%
TRAPEZOIDAL TEAR STRENGTH	ASTM D-4533	75 LB	75 LB	10 LB	60 LB	80 LB	80 LB
PUNCTURE STRENGTH	ASTM D-6241	450LB		900LB		450LB	
APPARENT OPENING SIZE**	ASTM D-4751	U.S. SIEVE 30 (0.59 MM)		U.S. SIEVE 70 (0.21 MM)		U.S. SIEVE 70 (0.21 MM)	
PERMITTIVITY	ASTM D-4491	0.05 SEC^{-1}		0.28 SEC^{-1}		1.1 SEC^{-1}	
ULTRAVIOLET RESISTANCE RETAINED AT 500 HOURS	ASTM D-4355	70% STRENGTH		70% STRENGTH		70% STRENGTH	

* ALL NUMERIC VALUES EXCEPT APPARENT OPENING SIZE (AOS) REPRESENT MINIMUM AVERAGE ROLL VALUES (MARV). MARV IS CALCULATED AS THE TYPICAL MINUS TWO STANDARD DEVIATIONS. MD IS MACHINE DIRECTION; CD IS CROSS DIRECTION.

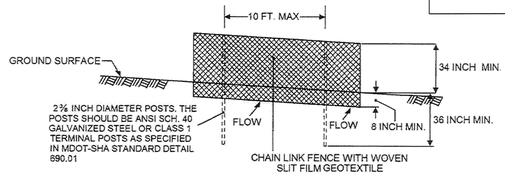
** VALUES FOR AOS REPRESENT THE AVERAGE MAXIMUM OPENING.

GEOTEXTILES MUST BE EVALUATED BY THE NATIONAL TRANSPORTATION PRODUCT EVALUATION PROGRAM (NTPEP) AND CONFORM TO THE VALUES IN TABLE H.1.

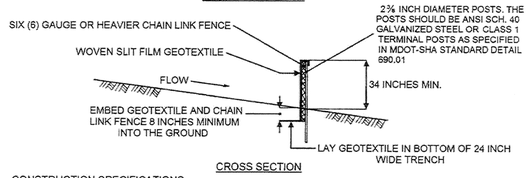
THE GEOTEXTILE MUST BE INERT TO COMMONLY ENCOUNTERED CHEMICALS AND HYDROCARBONS AND MUST BE ROT AND MILDEW RESISTANT. THE GEOTEXTILE MUST BE MANUFACTURED FROM FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS AND COMPOSED OF A MINIMUM OF 95 PERCENT BY WEIGHT OF POLYOLEFINS OR POLYESTERS, AND FORMED INTO A STABLE NETWORK SO THE FILAMENTS OR YARNS RETAIN THEIR DIMENSIONAL STABILITY RELATIVE TO EACH OTHER, INCLUDING SELVAGES.

WHEN MORE THAN ONE SECTION OF GEOTEXTILE IS NECESSARY OVERLAP THE SECTIONS BY AT LEAST ONE FOOT. THE GEOTEXTILE MUST BE PULLED TAUT OVER THE APPLIED SURFACE. EQUIPMENT MUST NOT RUN OVER EXPOSED FABRIC. WHEN PLACING RIPRAP ON GEOTEXTILE, DO NOT EXCEED A ONE FOOT DROP HEIGHT.

STANDARD SYMBOL
SSF



PERSPECTIVE VIEW



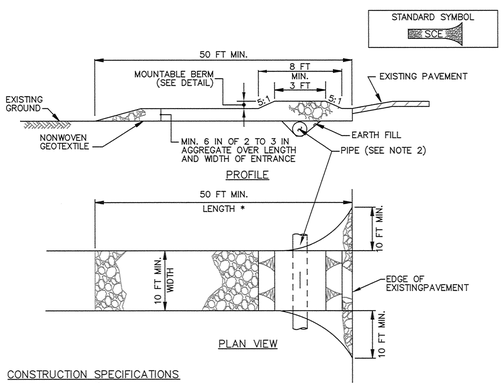
CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. INSTALL 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 6 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2⅜ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H -1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND. LAY THE GEOTEXTILE IN THE BOTTOM OF THE 24 INCH WIDE TRENCH.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BYPASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE UPHILL A MINIMUM OF 3 VERTICAL FEET TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
6. PROVIDE MANUFACTURERS CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H - 1 MATERIALS.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF THE FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

2 / 5 7 MODIFIED SUPER SILT FENCE
NOT TO SCALE

STANDARD SYMBOL
SCE



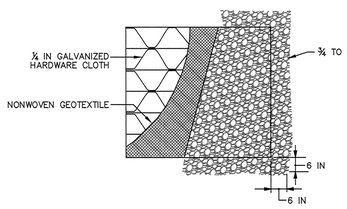
CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H–1 MATERIALS.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

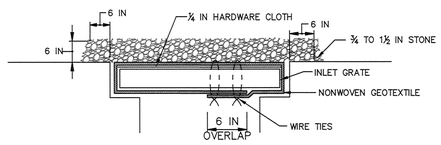
3 / 5 7 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

STANDARD SYMBOL
AGIP

MAXIMUM DRAINAGE AREA = 1 ACRE



PLAN / CUT AWAY VIEW



CROSS SECTION

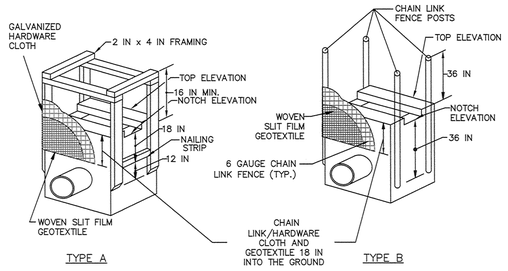
CONSTRUCTION SPECIFICATIONS

1. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H–1 MATERIALS.
2. LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE.
3. PLACE CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE.
4. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

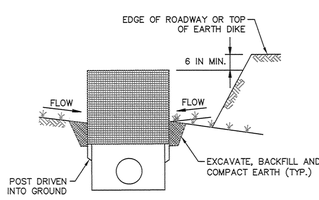
4 / 5 7 AT GRADE INLET PROTECTION
NOT TO SCALE

TYPE A MAXIMUM DRAINAGE AREA = ¾ ACRE
TYPE B MAXIMUM DRAINAGE AREA = 1 ACRE

STANDARD SYMBOL
SIP



ISOMETRIC VIEW



SECTION FOR TYPE A AND B

CONSTRUCTION SPECIFICATIONS

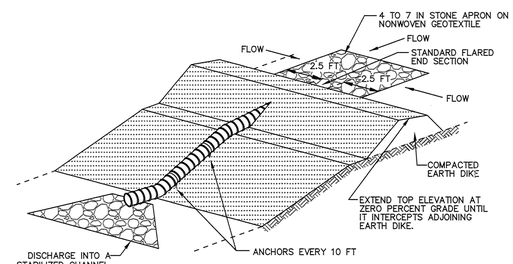
1. USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H–1 MATERIALS.
2. EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION.
3. FOR TYPE A, USE NOMINAL 2 INCH X 4 INCH CONSTRUCTION GRADE LUMBER POSTS, DRIVEN 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2X4 FRAME AS SHOWN. STRETCH ½ INCH GALVANIZED HARDWARE CLOTH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. FASTEN GEOTEXTILE SECURELY TO THE HARDWARE CLOTH WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND HARDWARE CLOTH A MINIMUM OF 18 INCHES BELOW THE WEIR CREST. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED TO THE POST.

   FOR TYPE B, USE 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND 6 FOOT LENGTH, DRIVEN A MINIMUM OF 36 INCHES BELOW THE WEIR CREST AT EACH CORNER OF THE STRUCTURE. FASTEN 6 GAUGE OR HEAVIER CHAIN LINK FENCE, 42 INCHES IN HEIGHT, SECURELY TO THE FENCE POSTS WITH WIRE TIES. FASTEN GEOTEXTILE SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 18 INCHES BELOW THE WEIR CREST.
4. BACKFILL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
5. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

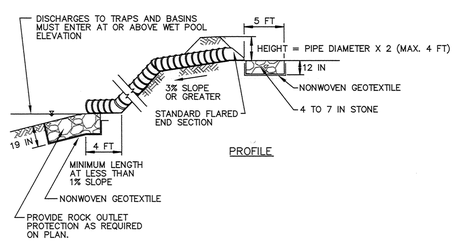
5 / 6 7 MODIFIED STANDARD INLET PROTECTION
NOT TO SCALE

STANDARD SYMBOL
PSD – 12

DESIGNATION PSD–12 REFERS TO 12 IN PIPE SLOPE DRAIN.



ISOMETRIC VIEW



PROFILE

CONSTRUCTION SPECIFICATIONS

1. THE HEIGHT OF THE EARTH DIKE MUST BE AT LEAST 2 TIMES THE PIPE DIAMETER MEASURED FROM THE INVERT OF THE PIPE. EXTEND THE TOP ELEVATION OF DIKE AT ZERO PERCENT GRADE UNTIL IT INTERCEPTS THE TOP OF THE ADJOINING EARTH DIKE.
2. FLEXIBLE PIPE IS PREFERRED. HOWEVER, CORRUGATED METAL PIPE OR EQUIVALENT PVC PIPE CAN BE USED. ALL CONNECTIONS MUST BE WATERTIGHT.
3. ATTACH A FLARED END SECTION TO THE INLET END OF PIPE WITH A WATERTIGHT CONNECTION. AT THE INLET OF THE PIPE SLOPE DRAIN, INSTALL 4 TO 7 INCH STONE OR EQUIVALENT RECYCLED CONCRETE PLACED 12 INCHES IN DEPTH ON NONWOVEN GEOTEXTILE AND EXTEND OUT 5 FEET FROM THE INLET IN ALL DIRECTIONS.
4. PROVIDE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H–1 MATERIALS, UNDER THE BOTTOM AND ALONG SIDES OF ALL RIPRAP.
5. SECURELY ANCHOR THE PIPE SLOPE DRAIN (PSD) TO THE SLOPE. SPACE THE ANCHORS EVERY 10 FEET.
6. HAND TAMP THE SOIL AROUND AND UNDER THE PIPE AND END SECTION IN 4 INCH LIFTS TO THE TOP OF THE EARTH DIKE.
7. UPON COMPLETING INSTALLATION OF THE PSD, STABILIZE ASSOCIATED DISTURBANCES WITH SEED, MULCH, AND TACK.
8. INSTALL OUTLET PROTECTION AS SPECIFIED ON APPROVED PLAN.
9. KEEP POINTS OF INFLOW AND OUTFLOW FREE OF EROSION. MAINTAIN WATER TIGHT CONNECTIONS AND POSITIVE DRAINAGE. REMOVE ACCUMULATED SEDIMENT AND DEBRIS.

6 / 5 7 PIPE SLOPE DRAIN
NOT TO SCALE

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
Jeffrey P. West 5-31-13
DATE

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STATE OF MARYLAND — SHIVA KUMAR — PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY
1	02/08/13	REVISION PER BALTIMORE SCD COMMENTS	
2	03/27/13	REVISION PER BALTIMORE SCD COMMENTS	
3	05/16/13	REVISION PER BALTIMORE SCD COMMENTS	

LOCKHEED MARTIN CORPORTAION
BLOCK G SWALE REPLACEMENT
SOUTHWESTERN TCE BIOREMEDIATION AREA

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	3–06–12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL/CSG
DRAWN BY:	YL
CHECKED BY:	SK/CSG
SHEET:	C-7

EROSION & SEDIMENT CONTROL DETAILS I

DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

REPLY TO
ATTENTION OF

Effective October 1, 2011

2012-61464-M02
Corps Permit Number

CENAB-OP-R-MDSPGP-4 (MARYLAND STATE PROGRAMMATIC GENERAL PERMIT-4)

TO WHOM IT MAY CONCERN:

Upon the recommendation of the Chief of Engineers, and under the provisions of Section 404 of the Clean Water Act, as amended, and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), the Secretary of the Army hereby authorizes the discharge of dredged or fill material or the placement of structures into Waters of the United States, including wetlands and navigable waters. These discharges and structures must comply with all the terms and conditions identified in this MDSPGP-4. It has been determined that the project qualifies for the MDSPGP-4. Accordingly, you are authorized to undertake the activity pursuant to:

1. Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403); and/or
2. Section 404 of the Clean Water Act (33 U.S.C. 1344).

You are authorized to perform work in accordance with the terms and conditions specified in Section VII of the MDSPGP-4 effective on October 1, 2011.

VII. General Conditions: To qualify for MDSPGP-4 authorization, the prospective permittee must comply with the following general conditions, as appropriate, in addition to any activity-specific conditions in the MDSPGP-4 category list and any case-specific special conditions imposed by the Corps.

A. General Requirements:

1. **Other Permits:** Authorization under the MDSPGP-4 does not obviate the need to obtain other Federal, State, or local authorizations required by law.

2. **Geographic Jurisdiction:** This MDSPGP-4 will authorize work undertaken within the geographic limits of the State of Maryland under the regulatory jurisdiction of the Baltimore District.

3. **Applicability:** Applicability of the MDSPGP-4 shall be reviewed with reference to the Corps definition of waters of the United States, including wetlands, and navigable waters of the United States. Applicants are responsible for delineating boundaries of all waters of the United States, including wetland boundaries. The delineation of wetland boundaries shall be accomplished in accordance with the current Federal manual for identifying jurisdictional wetlands and appropriate guidance issued by the Corps of Engineers.

4. **Minimal Effects:** Projects authorized by the MDSPGP-4 shall have no more than minimal individual and cumulative adverse environmental effects.

5. **Discretionary Authority:** Notwithstanding compliance with the terms and conditions of the MDSPGP-4, the Corps retains discretionary authority to require an alternate Corps permit review for any project under all categories of the MDSPGP-4 based on concerns for the aquatic environment or for any other factor of the public interest. This authority may be invoked on a case-by-case basis during the review process for Category B activities whenever the Corps determines that, based on the concerns stated above, the potential consequences of the proposed project warrant individual review. In some rare instances, the Corps may have concerns for the aquatic environment or for any other public interest factor pertaining to a specific proposed project, which has already received a case-specific verification as a Category A activity. In order to evaluate this project under an alternate Corps permit review, the verification must be suspended in accordance with Section VIII.E of the MDSPGP-4.

Whenever the Corps notifies an applicant that an alternate Corps permit may be required, authorization under the MDSPGP-4 is voided. No work may be conducted until the individual Corps permit is obtained, or until the Corps notifies the applicant that further review has demonstrated that the work may proceed under the MDSPGP-4.

6. **Single and Complete Projects:** The MDSPGP-4 shall not be used for piecemeal work and shall be applied to single and complete projects, including maintenance activities. For purposes of this MDSPGP-4, a single and complete project means the total project proposed or accomplished by one owner/developer or partnership or other association of owners/developers and which has independent utility. All components of a project, including all attendant features both temporary and permanent, shall be reviewed together as constituting one single and complete project. All planned phases of multi-phased projects (e.g., subdivisions should include all work such as roads, utilities, and lot development) shall be applied for and reviewed together as constituting one single and complete project. The MDSPGP-4 shall not be used for any activity or portion of a project (e.g., a pier or boat ramp), that is part of, or dependent on, an overall project (e.g., the dredging of a main navigation channel or a spur channel), for which an individual permit or some other alternate Corps permit is required.

7. **Use of Multiple MDSPGP-4 Activities:** More than one MDSPGP-4 activity may be used to authorize a single and complete project. However, the specific requirements, including all activity-specific requirements and impact thresholds, must be met for each MDSPGP-4 activity and the total extent of project impacts must not exceed the acreage and/or linear foot limit of the MDSPGP-4 activity with the highest specified acreage and/or linear foot limit. For example, if a road crossing is authorized under Category A of Section IV.B.1.(d)(1) with an associated nontidal bank stabilization authorized under Section IV.B.1.f.(4)(a), the maximum total impact limits to nontidal waters of the United States for the single and complete project may not exceed 10,000 square feet in total area and/or 500 linear feet in total length. The road crossing and nontidal bank stabilization activities must still meet all Category A activity-specific requirements and impact thresholds.

A single and complete project with multiple impacts, that may be eligible for authorization under a Category A and a Category B activity, requires an application submittal to the Corps and review under the MDSPGP-4 Category B verification procedures. All specific requirements, including the activity-specific requirements and impact thresholds of the Category A activity and the Category B activity must be met and the total extent of project impacts must not exceed to total acreage and/or linear foot limit of the MDSPGP-4 activity with the highest specified acreage and/or linear foot limit. For example, if a road crossing is authorized under Category A of Section IV.B.1.(d)(1) with an associated nontidal bank stabilization authorized under Section IV.B.f.(4)(b), the maximum total impact limits to waters of the United States for the single and complete project may not exceed 1/2 acre (21,780 square feet) in total area and/or 2,000 linear feet in total length. The road crossing activity must meet the Category A activity-specific requirements and impact thresholds, and the nontidal bank stabilization activity must meet the Category B activity-specific requirements and impact thresholds.

8. **Permit On-Site:** The permittee shall ensure that a copy of the MDSPGP-4 and the accompanying authorization letter are at the work site at all times. These copies must be made available to any regulatory representative upon request. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contractors shall be expected to comply with all conditions of any general permit authorization.

9. **Authorized Activities in Navigable Waters Subject to Section 10 of the Rivers and Harbors Act of 1899:**

a. If future operations by the United States require removal, relocation, or other alteration of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable water, the permittee will be required, upon due notice from the Corps, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

b. The permittee acknowledges the possibility that the structure permitted herein may be subject to damage by wave wash from passing vessels and/or ice flows within the waterway. The issuance of this permit does not relieve the permittee from taking all proper steps to ensure the integrity of the structure permitted herein and the safety of vessels moored thereto from damage by wave wash and/or ice flows, and the permittee shall not hold the United States liable for such damage.

c. The permittee must install and maintain, at his/her expense any safety lights, markers, and/or signals prescribed by the USCG, through regulations or otherwise, on the authorized facilities and/or structures. The permittee must contact the Commander (AOWW), Fifth Coast Guard District, Federal Building, 431 Crawford

Street, Portsmouth, Virginia, 23704, to ascertain the need for obstruction lights. Prior to commencing the construction or installation of an authorized structure in navigable waters of the United States, the permittee must submit a "Private Aids to Navigation Application" to the Commander of the USCG.

d. The permittee must provide location coordinates of the authorized structures, including minimum depth and other pertinent information to the USCG and request that a Local Notice to Mariners is issued regarding the authorized work.

10. For Aerial Transmission Lines Across Navigable Waters: The following minimum clearances are required for aerial electric power transmission lines crossing navigable waters of the United States. These clearances are related to the clearances over the navigable channel provided by existing fixed bridges, or the clearances which would be required by the USCG for new fixed bridges, in the vicinity of the proposed aerial transmission line. These clearances are based on the low point of the line under conditions producing the greatest sag, taking into consideration temperature, load, wind, length of span, and type of supports as outlined in the National Electrical Safety Code:

NOMINAL SYSTEM VOLTAGE (kV)	Minimum additional clearance (ft.) above clearance required for bridges.
115 and below	20
138	22
161	24
230	26
350	30
500	35
700	42
750-765	45

a. Clearances for communication lines, stream gauging cables, ferry cables, and other aerial crossings must be a minimum of ten feet above clearances required for bridges, unless specifically authorized otherwise by the District Engineer.

b. Corps Regulation ER 1110-2-4401 prescribes minimum vertical clearances for power communication lines over Corps lake projects. In instances where both the National Electrical Safety Code requirements and ER 1110-2-4401 apply, the greater minimum clearance is required.

A. **National Concern:**

1. **Historic Properties:** Any activity authorized by the MDSPGP-4 shall comply with Section 106 of the National Historic Preservation Act. Maryland Department of the Environment, in cooperation with the Maryland Historic Preservation Office, shall conduct an initial review and notify the Corps if any archaeological or other cultural resources are in the vicinity of the project. The Corps may require applicants to perform a survey of archaeological and historical resources in the project area. The Corps shall determine whether National Historic Preservation Act Section 106 consultation is required. The applicant must notify the Corps if they have knowledge that the activity may affect any historic properties listed or eligible for listing, or that the applicant has reason to believe may be eligible for listing on the National Register of Historic Places. If the permittee discovers any previously unknown archaeological or other cultural resource while accomplishing the work authorized by the MDSPGP-4, the permittee shall immediately notify the Corps of what has been found and stop work in the permit area until the required coordination has been completed. The permittee shall not begin or continue work until notified by the District Engineer that the requirements of the National Historic Preservation Act have been satisfied

and that the activity may proceed. Information on the location and existence of historical resources can be obtained from the MHT, Office of Preservation Services, and the National Register of Historic Places.

2. **Tribal Rights:** No activity or its operation may impair reserved tribal rights, including but not limited to, reserved water rights and treaty fishing and hunting rights.

3. **National Lands:** Activities authorized by the MDSPGP-4 shall not impinge upon the value of any Federal land, including but not limited to, National Wildlife Refuges, National Forests, National Parks, National Marine Sanctuaries, or any area administered by the FWS, U.S. Forest Service, or National Park Service (e.g., Assateague Island National Seashore).

4. **Endangered Species:** The MDSPGP-4 does not authorize any activity that may directly or indirectly affect a threatened or endangered species or a species proposed for such designation, as identified under the Federal ESA; or which may directly or indirectly destroy or adversely modify the critical habitat of such species unless and until appropriate coordination with the applicable resource agency(s) is complete and all such issues are resolved in accordance with the applicable regulations and procedures. MDE, in cooperation with MD DNR, shall conduct an initial review and notify the Corps and FWS or NMFS if any Federally listed species or critical habitat is likely to be in the vicinity of the project. The Corps shall determine if consultation with FWS or NMFS is required under Section 7 of the ESA. If consultation is required, the applicant, after notification, shall not begin or continue work until notified by the Corps that the requirements of the ESA have been satisfied and that the activity is eligible for authorization. Information on the location of threatened and endangered species and their critical habitat can be obtained from FWS and NMFS. The Corps will be initiating consultation under the Endangered Species Act on this MDSPGP-4 and any conditions from that consultation will be inserted into the MDSPGP-4.

National Marine Fisheries Service – Endangered Species Act Requirements:

a. **Interactions with National Marine Fisheries Service Federally Threatened or Endangered Species:** Any interaction between a sea turtle or any species listed now or in the future under Federal law as a threatened or endangered species ("listed species") (e.g., North Atlantic right whale, humpback whale, shortnose sturgeon) and the vessels associated with the project must be reported to the NMFS as follows: If the animal appears alive and uninjured (i.e., breathing normally, no visible wounds, movement uninhibited), the permittee or its representative must report the incident to the NMFS Northeast Region Marine Mammal and Sea Turtle Stranding and Entanglement Hotline at (866) 755-6622 within 24 hours of returning from the trip on which they made the discovery. If the animal requires assistance, the call to the hotline must be made immediately. If the animal appears to be injured (i.e. bleeding, gasping for air, etc.) or dead, the permittee or its representative must also immediately call the hotline so the appropriate rehabilitation or stranding network representative can be contacted. The applicant shall also notify the Corps of all correspondence and interaction with the NMFS within two calendar days. Additional information about any Federally threatened or endangered species may be obtained from the attached fact sheet or online at: http://www.nero.noaa.gov/prot_res/stranding/SpeciesOverview.html and at: http://www.nero.noaa.gov/prot_res/esp/. An interaction is defined as an entanglement or capture of a listed species or a strike/direct contact between vessels or equipment used for the project and a listed species.

b. **Vessel Buffer:** When listed species are sighted, vessels must attempt to maintain a distance of 50 yards (150 feet) or greater between the animal and the vessel whenever possible. State and Federal regulations prohibit approaching a right whale within a 500 yard (1,500 foot) buffer zone. Any vessel finding itself within the 500 yard (1,500 foot) buffer zone created by a surfacing right whale must depart immediately at a safe, slow speed. If other listed species are detected, vessels will reduce their speeds to 10 knots or to the maximum extent practicable to ensure human safety. If listed species are sighted off of a moving dredge, intentional approaches within 100 yards (300 feet) of the animal must be avoided. Vessels must reduce speeds to 4 knots or the lowest speed practicable to ensure human safety. Any interactions must be reported to the NMFS.

c. **Best Management Practices Applicable to Category A Activities Within Tidal Waters Having Salinity Levels Less Than 6 Parts Per Thousand (ppt) (See Appendix B):**

(i) Pile Driving: For the protection of listed species within all tidal waters of the Chesapeake Bay in Maryland and its tidal tributaries with salinity levels <6 ppt, pile driving methods must maintain noise level thresholds not to exceed 187dB SEL re 1µPa or 206dB peak re 1µPa at a distance of >10m from the pile being installed; and for levels >155dB peak re 1µPa must not exceed 12 consecutive hours on any given day and a 12 hour

recovery period (i.e., in-water noise levels below 155dB peak re 1μPa) must be provided between work days. Pile driving construction must adhere to one of the following methods: (a) piles must be installed in-the-dry during low water; or (b) piles must be drilled and pinned to ledge; or (c) vibratory hammers must be used to install any size and quantity of wood, concrete, or steel pilings; or (d) impact hammers must be limited to one hammer and <50 piles installed per day with the following: wood piles of any size; concrete piles <18-inches diameter; steel piles <12-inch diameter if the hammer is <3,000 pounds and a wood cushion is used between the hammer and steel pile; or (e) approved pile driving methods that will allow noise level thresholds to be met.

(ii) Sediment Disturbing Activities Time-of-Year Restriction: Sediment disturbing activities, which includes pile driving activities, are prohibited during the period April 1 through June 30 within all tidal waters of the Chesapeake Bay in Maryland and its tidal tributaries with salinity levels <6 ppt for the protection of shortnose sturgeon and early life stages in these waters.

5. **Essential Fish Habitat (EFH) and Fish and Wildlife Coordination Act:** Section 305(b)(2) of the Magnuson-Stevens Fishery Conservation and Management Act requires an EFH consultation with the NMFS for any action or proposed action authorized, funded, or undertaken by a Federal agency that may adversely affect EFH. Essential Fish Habitat has been defined by Congress as "those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity." The designation and conservation of EFH seeks to minimize adverse effects on habitat caused by fishing and non-fishing activities. NMFS has determined that many of the MDSPGP-4 Category A activities are eligible for EFH general or programmatic concurrence and require no further EFH consultation. National Marine Fisheries Service, in consultation with the District, has determined that individual EFH consultation is needed for some projects potentially eligible for authorization under Category A of the MDSPGP-4 that may adversely affect EFH. The Corps will coordinate with NMFS as part of the Category B review procedures. EFH conservation recommendations made by NMFS will normally be included as a permit requirement by the Corps. If the EFH coordination and consultation requirements cannot be resolved under the MDSPGP-4 process, an alternate Corps permit review process is required for the project. The Corps will be initiating consultation under these authorities on this MDSPGP-4, and any conditions from that consultation to protect NOAA trust resources will be inserted into this MDSPGP-4.

6. **Wild and Scenic Rivers:** No activity is authorized under the MDSPGP-4 that occurs in a component of the National Wild and Scenic River System, including rivers officially designated by Congress as study rivers for possible inclusion in the system, while such rivers are in an official study status, unless the appropriate Federal agency, with direct management responsibility for the river, has determined in writing that the proposed activity will not adversely affect any National Wild and Scenic River, including study rivers. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency in the area (e.g., National Park Service, U. S. Forest Service, Bureau of Land Management, or FWS).

7. **Federally Authorized Civil Works Projects:**

a. **Federal Navigation Projects:** The MDSPGP-4 does not authorize interference with any existing or proposed Federal navigation projects. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration. (See VII.A.9.a.)

b. **Federal Navigation Channel Setbacks:** All activities must comply with the Baltimore District Minimum Setback Guidance for Structures Along Federally Authorized Channels. Please see the Baltimore District's Regulatory webpage to view this guidance: http://www.nab.usace.army.mil/Wetlands%20Permits/publications.htm.

c. **Other Federally Authorized Civil Work Projects (e.g., flood control, dams, and reservoirs):** The MDSPGP-4 does not authorize interference with any proposed or existing Federally authorized civil works project.

8. **Federal Liability:** In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project, or uses thereof, as a result of other permitted or unpermitted activities or from natural causes;

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest;

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit;

d. Design or construction deficiencies associated with the permitted work; and

e. Damage claims associated with any future modification, suspension or revocation of the MDSPGP-4 or any specific MDSPGP-4 verification.

9. **Navigation:** Projects authorized under the MDSPGP-4 shall not cause interference with navigation, and no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to projects authorized under the MDSPGP-4. Nothing in the MDSPGP-4 shall in any way restrict the District Engineer, U.S. Army Engineer District, Baltimore, from exercising his legal authority to protect the public interest in navigation or from exercising his authority under the Navigation Servitude of the United States. (See VII.B.8.)

10. **Fills Within 100-Year Floodplain:** The activity must comply with applicable Federal Emergency Management Agency approved State or local floodplain management requirements.

11. **Safety of Impoundment Structures:** To ensure that all impoundment structures are safely designed, the Corps may require non-Federal applicants to demonstrate that the structures comply with established State dam safety criteria or have been designed by qualified persons. The Corps may also require documentation that the design has been independently reviewed by similarly qualified persons, and appropriate modifications made to ensure safety.

B. **Minimization of Environmental Impacts:**

1. **Avoidance and Minimization:** Discharges of dredged or fill material into waters of the United States and adverse impacts of such discharges on the aquatic ecosystem shall be avoided and minimized to the maximum extent practicable at the project site (i.e., on-site).

2. **Mitigation Standards:** A proposed compensatory mitigation proposal may be submitted with the application to expedite the process. The Corps will determine if the project is eligible for authorization under the MDSPGP-4 subject to the applicant's submittal of a compensatory mitigation proposal for stream and wetland impacts. Compensatory mitigation plans will generally include a requirement for the establishment, performance, maintenance, legal protection (e.g., conservation easements), and long-term management of the mitigation area. Applicants may propose the use of mitigation banks, in-lieu-fee programs, or separate permittee-responsible mitigation. In general, maintenance of previously authorized activities typically does not require mitigation. All mitigation must be in compliance with the 2008 Mitigation Rule (73 FR 70).

a. Wetland mitigation will generally be required for all permanent tidal or nontidal wetland losses either through the use of the State's tidal or nontidal programmatic wetland compensation, mitigation banks, in-lieu-fee programs, and/or by the permittee as required by special condition of the MDSPGP-4 or the State authorization. Generally, the minimum required wetland mitigation ratios will be as follows: 2:1 for forested and scrub-shrub wetlands; 1:1 for herbaceous emergent wetlands, and 1:1 for permanent conversion of forested wetlands to herbaceous emergent wetlands. Wetland mitigation can include wetland restoration, establishment, enhancement (including restoration or enhancement of upland forested buffers), and/or wetland preservation, unless the Corps determines in writing that some other form of mitigation would be more appropriate and provides a project-specific waiver of this requirement. Since the likelihood of success is greater and the impacts are reduced, wetland restoration should be the first compensatory mitigation option considered.

b. Stream mitigation, focusing on functional replacement, will generally be required for any project that involves losses of more than 200 linear feet to stream channels and rivers through the use of mitigation banks, in-lieu-fee programs, or by the permittee as required by special condition of the MDSPGP-4 and/or the State authorization. Stream mitigation can include stream restoration, establishment, enhancement (including enhancement of riparian buffers), and stream preservation. Riparian buffer areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat impact concerns. The need to require mitigation for impacts to open waters will be determined on a case-by-case basis.

c. For activities resulting in the loss of marine or estuarine resources, permittee-responsible compensatory mitigation may be environmentally preferable if there are no mitigation banks or in-lieu-fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee.

d. For permittee-responsible mitigation, the special conditions of the MDSPGP-4 verification must clearly indicate the party or parties responsible for the implementation, performance, and long-term management of the compensatory mitigation project.

3. **Work in Wetlands:** Heavy equipment working in wetlands shall be avoided if possible and, if required, soil and vegetation disturbance shall be minimized by using techniques such as timber mats, geotextile fabric, and vehicles with low-pressure tires. Disturbed areas in wetlands shall be restored to preconstruction contours and elevations upon completion of the work.

4. **Temporary Fill and Mats**: Temporary fill and the use of mats are both considered a discharge of fill material and must be included in the quantification of impact area authorized by the MDSPGP-4. Temporary fill (e.g., access roads, cofferdams) in waters and wetlands authorized by the MDSPGP-4 shall be properly stabilized during use to prevent erosion. Temporary fill in wetlands shall be placed on geotextile fabric laid on the existing wetland grade. Upon completion of the work, all temporary fills shall be disposed of at an upland site, suitably contained to prevent erosion and transport to a waterway or wetland. Temporary fill areas shall be restored to their original, pre-construction contours and revegetated with native wetland species.

5. **Erosion and Sediment Control:** Adequate erosion and sediment control measures, practices, and devices, such as turbidity curtains in tidal waters, vegetated filter strips, geotextile silt fences, phased construction, or other devices or methods, shall be used to reduce erosion and retain sediment on-site during and after construction. These devices and methods shall be capable of (a) preventing erosion, (b) collecting sediment and suspended and floating materials, and (c) filtering fine sediment. Erosion and sediment control devices shall be removed when the work is complete and the site has been successfully stabilized. The sediment collected by these devices shall be removed and placed at an upland location, in a manner that will prevent its later erosion into a waterway or wetland. All exposed soil and other fills shall be permanently stabilized at the earliest practicable date. In-stream work shall be conducted "in the dry" whenever practicable. This should be accomplished using stream diversion devices, other than earthen or stone cofferdams. In addition, work in waters of the United States should be performed during periods of low-flow or no-flow, whenever practicable.

6. **Aquatic Life Movements:** No activity may substantially disrupt the necessary life-cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through, or spawn/nursery within the area (e.g., anadromous/catadromous fish); unless the activity's primary purpose is to impound water. Culverts placed in streams must be installed to maintain low flow conditions. A low flow channel must be maintained through any discharges placed for armoring across the channel so as to not impede flow in the waterway and/or not to block or impede the movements of anadromous, estuarine, and resident fish. Permanent culvert or pipes placed in streams must be depressed in accordance with the State of Maryland regulations. If depression of the culvert is not practicable, the applicant must submit a narrative, along with their application, documenting measures evaluated to minimize disruption of the movement of aquatic life, as well as specific documentation concerning site conditions and limitations on depressing the culvert, cost, and engineering factors that prohibit depressing the pipe/culvert. Options that need to be considered include the use of a bridge, bottomless pipe, partial depression, or other measures to provide for the movement of aquatic organisms. The documentation must also include photographs documenting site conditions. The applicant may find it helpful to contact their regional fishery agency for recommendations about the measures to be taken to allow for fish passage

7. **Water Crossings:**

a. All temporary and permanent crossings of waterbodies shall be suitably bridged, culverted, or otherwise constructed to withstand and to prevent the restriction of high flows and tidal flows; to maintain existing low flows; and to prevent the obstruction of movement by aquatic life indigenous to the water body, including anadromous, estuarine, and resident fish species.

b. All water crossings (e.g., utility lines and road crossings) must be constructed roughly perpendicular to waters of the United States, including streams and wetlands. Where a utility line or access road is constructed parallel to a stream corridor, an undisturbed buffer shall be maintained between the utility line/access road and the waterway to avoid or minimize potential future impacts to waters of the United States. These potential impacts would include such issues as sewer line leaks or failures, future stream channel meandering, stream bank instability and failure, and right-of-way maintenance.

c. Water crossings must be constructed "in the dry" whenever practicable. This should be accomplished by using stream diversion devices other than earthen or stone cofferdams.

d. Equipment shall cross streams only at suitably constructed permanent or temporary crossings.

e. Temporary structures and fills shall be removed and the area restored to its original contours and elevations, or to the conditions specified in the approved plans. The temporary structures and the areas of fill associated with these structures must be included in the total waterway/wetlands impacts.

8. **Discharge of Pollutants:** All activities that are authorized under the MDSPGP-4 and that involve any discharge or relocation of pollutants into waters of the United States shall be consistent with applicable water quality standards, effluent limitations, standards of performance, prohibitions, and pretreatment standards and management practices established pursuant to the CWA (33 U.S.C. 1251 et. Seq.), and applicable State and local laws and regulations. No discharge of dredged or fill material in association with this authorization may consist of unsuitable material such as trash, debris, car bodies, asphalt, etc.

9. **Spawning Areas:** Activities, including structures and work in navigable waters of the United States or discharges of dredged or fill materials in fish and shellfish spawning or nursery areas during spawning seasons, shall be avoided. Impacts to these areas shall be avoided or minimized to the maximum extent practicable during all other times of year. Activities that result in the physical destruction (e.g., through excavation, dredging, mining, fill, or significant downstream sedimentation by substantial turbidity) of an important spawning/nursery area are not authorized by this MDSPGP-4.

10. **Waterfowl Breeding and Wintering Areas:** Discharges into breeding and wintering areas for migratory waterfowl shall be avoided to the maximum extent practicable.

11. **Environmental Values:** The permittee shall make every reasonable effort to construct or operate the work authorized under the MDSPGP-4 in a manner that maintains as many environmental values as practicable, and that avoids or minimizes any adverse impacts on existing fish, wildlife, and natural environmental values.

12. **Management of Water Flows:** To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization and storm water management activities. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

13. **Water Supply Intakes:** No discharge of dredged or fill material may occur in the proximity of a public water supply intake.

D. **Procedural Conditions:**

1. **Inspections:** The permittee shall permit the District Engineer or his authorized representative(s) to make periodic inspections at any time deemed necessary to ensure that the work is being performed in accordance with the terms and conditions of the MDSPGP-4. The District Engineer may also require post-construction engineering drawings (as-built plans) for completed work, and post-dredging survey drawings for any dredging work.

2. **Compliance Certification:** Every permittee who receives a written MDSPGP-4 verification shall submit a signed Compliance Certification Form within 60 days following completion of the authorized work and any required mitigation (but not mitigation monitoring, which requires separate submittals). Failure to submit the Compliance Certification Form by the permittee could result in the Corps taking appropriate non-compliance enforcement action against the permit holder. The Corps will provide a blank copy of the Compliance Certification Form to the permittee with the MDSPGP-4 verification. The completed form will include the following:

a. A statement that the authorized work either was or was not done in accordance with the MDSPGP-4 verification, including any general and/or specific conditions. If the activity was not done in accordance with the MDSPGP-4 verification, including any general and/or specific conditions and requirements, the permittee shall describe the specifics of the deviation from the authorized activity.

b. A statement that any required mitigation was or was not completed in accordance with the permit conditions. If the mitigation was not completed in accordance with the permit conditions, the permittee shall describe the specifics of the deviation from the permit conditions.

c. The signature of the permittee, certifying the completion of the work and compensatory mitigation.

After the project is completed, the certification shall be sent to the Baltimore District at the following address:

U. S. Army Corps of Engineers
Baltimore District
Attn: CENAB-OP-R
P. O. Box 1715
Baltimore, Maryland 21203-1715

3. **Transfer of MDSPGP-4 Verifications:** If the permittee sells the property associated with a MDSPGP-4 verification, the permittee may transfer the MDSPGP-4 verification to the new owner by submitting a letter to the Baltimore District Corps of Engineers office to validate the transfer. A copy of the MDSPGP-4 verification must be attached to the letter, and the letter must contain the following statement and signature:

"When the structures or work authorized by this MDSPGP-4 are still in existence at the time the property is transferred, the terms and conditions of this MDSPGP-4, including special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this MDSPGP-4 permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below."

_____ _____

(Transferee) (Date)

4. **Maintenance:** The permittee shall properly maintain the work or structure authorized by the MDSPGP-4 in good condition and in compliance with the terms and conditions of the MDSPGP-4, including maintenance to ensure public safety.

5. **Property Rights:** The MDSPGP-4 does not convey any property rights, either in real estate or material, or any exclusive privileges, nor does it authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations.

6. **Modification, Suspension and Revocation:** The MDSPGP-4, or any verification under it, may be either modified, suspended, or revoked, in whole or in part, pursuant to DA policies and procedures and any such action shall not be the basis for any claim for damages against the United States.

7. **Restoration:** The permittee, upon receipt of a notice of revocation of authorization under the MDSPGP-4, shall restore the wetland or waterway to its former condition, without expense to the United States and as directed by the Secretary of the Army or his authorized representative. If the permittee fails to comply with such a directive, the Secretary or his designee may restore the wetland or waterway to its former condition, by contract or otherwise, and recover the cost from the permittee.

8. **Special Conditions:** The Corps may impose special conditions on any project authorized under the MDSPGP-4, in cases where the Corps determines that special conditions are necessary to avoid or minimize adverse effects on the environment or on any other factor of the public interest. Failure to comply with all conditions of the authorization/ verification, including special conditions, will constitute a permit violation/unauthorized work and may subject the permittee to criminal, civil, or administrative penalties, and/or restoration.

9. **False or Incomplete Information:** In granting authorization pursuant to this permit, the Baltimore District will rely upon information and data provided by the permittee. If the project is verified by the Corps or MDE under the MDSPGP-4 and subsequently discovers that it has relied on false, incomplete, or inaccurate information provided by the permittee, the MDSPGP-4 verification may be revoked, in whole or in part, and/or the United States may institute appropriate legal proceedings.

10. **Compliance:** Any activity performed in waters of the United States, including wetlands and navigable waters, that is not in compliance with all the terms and conditions of the MDSPGP-4, which includes the MDSPGP-4 authorized activity activity-specific requirements, constitutes unauthorized work and is subject to an enforcement action by the Corps or the EPA. Furthermore, the MDSPGP-4 does not delegate any Section 404 enforcement or regulatory authority. Unauthorized work in waters of the United States, including wetlands and navigable waters, is subject to one or more of the following responses by EPA and/or the Corps:

a. A Cease and Desist order and/or an administrative compliance order requiring remedial action.

b. Initiation and assessment of a Class I administrative penalty order pursuant to Section 309(g) of the CWA.

c. Initiation and assessment of a Class II administrative penalty for continuing violation pursuant to Section 309(g) of the CWA.

d. Referral of the case to the U. S. Attorney with a recommendation for a civil or criminal action.

e. If the Corps determines that an after-the-fact application is appropriate, it will be reviewed following the appropriate procedures.

f. Any other appropriate response.

DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

REPLY TO
ATTENTION OF

2012-61464-M02

Corps Permit Tracking Number

MDSPGP-4
ACTIVITY (e-(1))
Minor Nontidal Fills

The authorized Minor Nontidal Fills work must comply with the following applicable activity-specific conditions indicated by an "X" in the boxes below, all general conditions of this general permit, and any project-specific special conditions.

This activity authorizes discharges of dredged or fill material in nontidal wetlands and nontidal streams (Sections 10 and 404; limited to nontidal wetlands and streams, including navigable nontidal Section 10 waters, e.g., Potomac and Susquehanna Rivers, etc.).

☒ **Category A Impact Limits and Requirements**: The total temporary and permanent impacts to waters of the United States, which includes nontidal wetlands, streams, rivers, and other nontidal open waters, are not to exceed 5,000 square feet and/or 200 linear feet of streams, rivers, and other nontidal open waters.

☐ **Category B Impact Limits and Requirements**: The total temporary and permanent impacts to nontidal waters of the United States, which includes nontidal wetlands, streams, rivers, and other nontidal open waters, are not to exceed 1/2 acre (21,780 square feet) and/or 2,000 linear feet of streams, rivers, and other nontidal open waters.

☒ **Requirements Applicable to Both Category A and Category B Activities:**

i. Application must be submitted to MDE for Corps authorization.

ii. This activity authorizes work only in nontidal wetlands, streams, rivers, and other nontidal open waters.

iii. If there is a specific activity for the proposed work type, this activity does not authorize types of work for which there are specific Category A/B activities, such as Linear Transportation Activities, Utility Lines, etc.

iv. This activity does not authorize stream restoration projects or construction associated with mitigation banks or in-lieu fee mitigation projects.

v. This activity does not authorize the discharge of fill into streams for the construction of berms for in-line (i.e., in-stream) stormwater management facilities, permanent dikes, dams, water withdrawals, or water diversions. This activity also does not authorize the construction of any kind of pond that would impound water into a stream or wetland. It does authorize impacts for the purpose of enhancing farmed wetlands located in agriculture fields or restoring or enhancing hydrology to a prior-converted wetland.

☐ **Project-Specific Special Conditions apply (See Corps verification letter for these conditions)**

DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

REPLY TO
ATTENTION OF

Operations Division

MDSPGP-4 PERMIT COMPLIANCE CERTIFICATION FORM (10/1/11)

Corps Permit Tracking No. 2012-61464-M02 Category & Activity Number CAT A, Activity e(1)

Project Name Lockhead Martin Corp./Blocks E, I & G/ Site Remediation Applicant Name Mr. Tom Blackman

Waterway tributary to Cow Pen Creek County Baltimore County

Dear Permittee:

In accordance with the compliance certification condition of your MDSPGP-4 authorization, you are required upon completion of all permitted work, or if mitigation/compensation is required, within 60 days following completion of the authorized work and any required mitigation (but not the mitigation monitoring, which requires separate submittals), to complete and sign this certification form and return it to the Corps of Engineers, Baltimore District, ATTN: CENAB-OP-R, P.O. Box 1715, Baltimore, Maryland 21203-1715.

Please note that the permitted activity is subject to compliance inspections by U.S. Army Corps of Engineers representatives. As a condition of this permit, failure to return this notification form, provide the required information below, or to perform the authorized work in compliance with the permit, can result in suspension, modification or revocation of your authorization in accordance with 33 CFR Part 325.7 and/or administrative, civil, and/or criminal penalties, in accordance with 33 CFR part 326.

Please provide the following information:

1. Date authorized work commenced: _____ 2. Date authorized work completed: _____

3. Was all work and any required mitigation, completed in accordance with your MDSPGP-4 authorization, including all general and/or specific conditions? YES___ NO ___

4. For Category A projects involving pile driving activities that are within all tidal waters of the Chesapeake Bay in Maryland and its tidal tributaries with salinity levels less than 6 parts per thousand (See Appendix B of the MDSPGP-4), please indicate the pile driving method that was used for the authorized work:

_____(a) Piles must be installed in-the-dry during low water;
_____(b) Piles must be drilled and pinned to ledge;
_____(c) Vibratory hammers must be used to install any size and quantity of wood, concrete, or steel pilings;
_____(d) Impact hammers must be limited to one hammer and <50 piles installed per day with the following: wood piles of any size; concrete piles <18-inches diameter; steel piles <12-inch diameter if the hammer is <3,000 pounds and a wood cushion is used between the hammer and steel pile;
_____(e) Approved pile driving methods that will allow noise level thresholds to be met.
Describe: _____

5. Explain in detail any deviations to the authorized work and/or mitigation (use additional sheets if necessary)

_____

_____

6. Was mitigation accomplished through a contribution to the Maryland Nontidal Wetlands Compensation Fund? YES_____NO_____ (if NO, please complete Nos. 6 and 7 below).

7. Wetland Mitigation: Required? YES____ NO_____ Required Completion Date _____
Wetland Mitigation Completed? YES_____ NO____ Mitigation Monitoring Reports Required? YES____ NO____

8. Please attach labeled photographs showing completed work including mitigation area(s).

I hereby certify that, except as noted above, that all work, including mitigation, has been completed in accordance with the terms and conditions, including special conditions of the above referenced permit.

_____
Signature of Permittee Date

Address: _____

_____

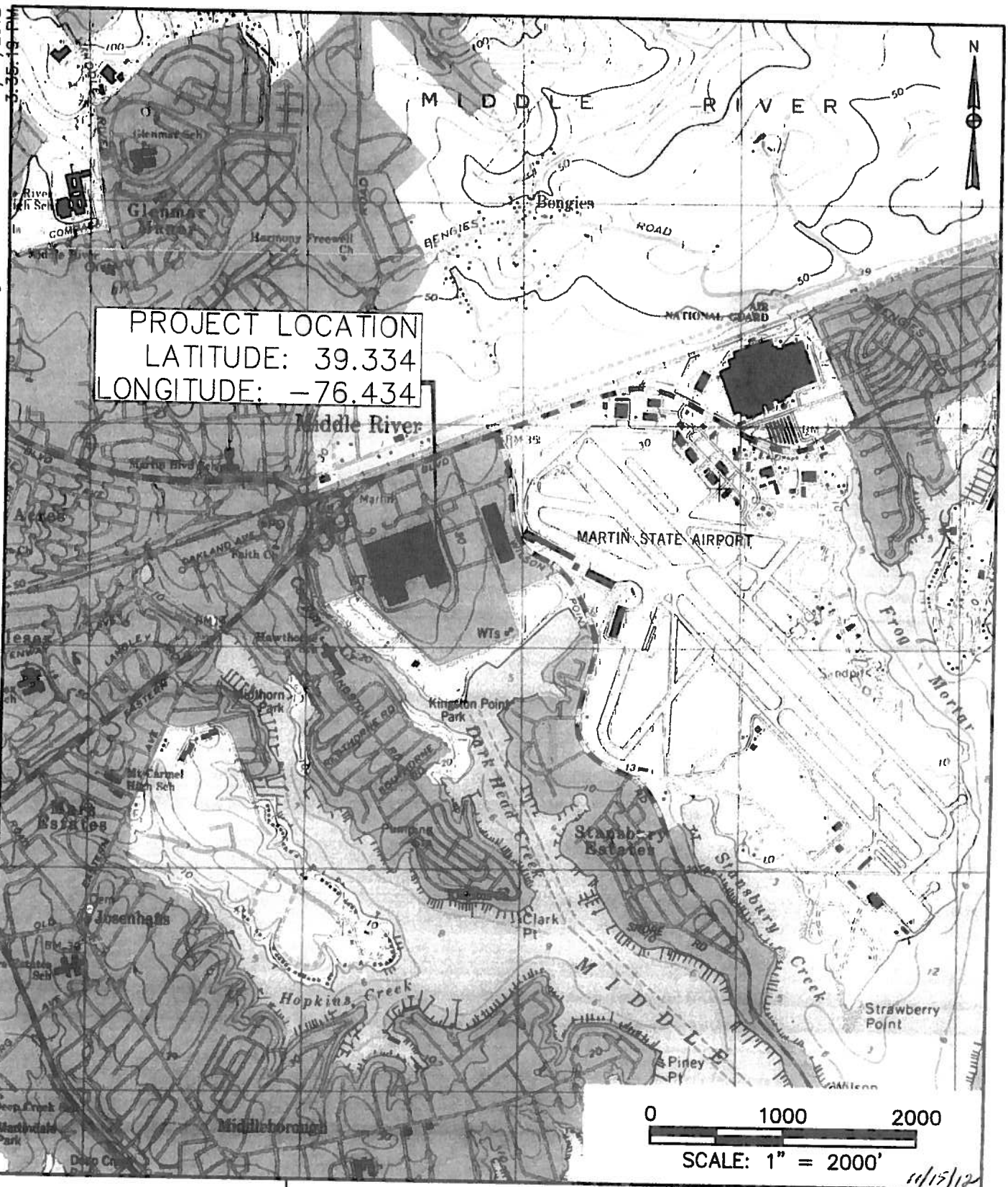
Telephone: _____

_____
Signature of Contractor/Agent Date

Address: _____

_____

Telephone: _____



K:\LMC = Mital\112IC02948-07 JD-JA-App\Drawings\112IC02948-F01.dwg DEL YOUNSIL.LEE 6/13/2012 3:35:10 PM

TETRA TECH	LOCKHEED MARTIN MIDDLE RIVER COMPLEX MIDDLE RIVER, BALTIMORE COUNTY MARYLAND, DARK HEAD CREEK
WWW.TETRATECH.COM	GROUNDWATER RESPONSE ACTION PROJECT VICINITY MAP
240 CONTINENTAL DR., SUITE 200 NEWARK, DE 19711 T: (302) 738-7551 | F: (302) 454-5988	SCALE: 1" = 2000'

DATE:	6/11/12
PROJECT NO.:	112IC02948
DESIGNED BY:	YL
DRAWN BY:	YL
CHECKED BY:	PM
SHEET:	1 OF 4

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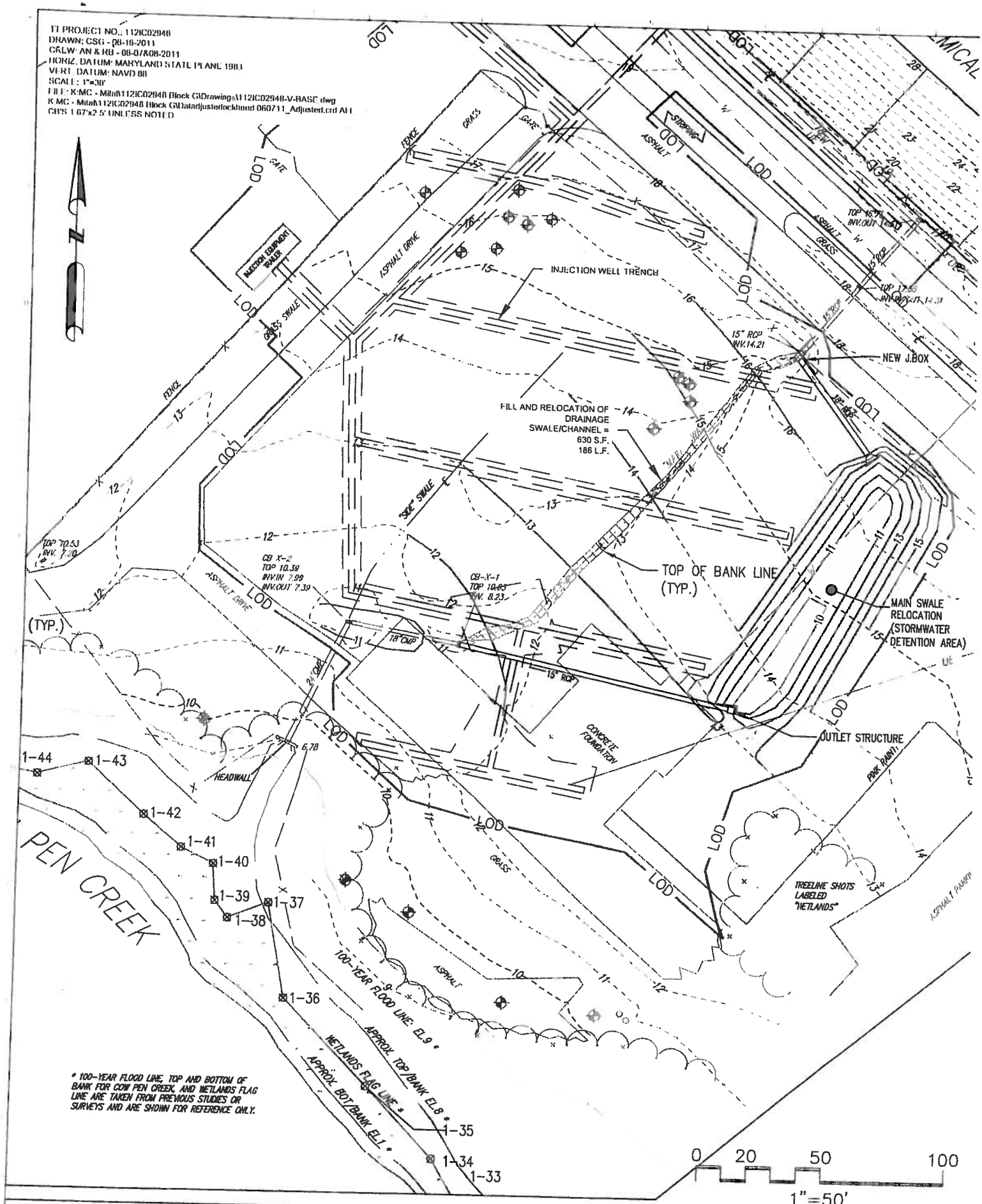
FIGURE 1



TETRA TECH

MARK	DATE	DESCRIPTION	BY

GROUNDWATER RESPONSE ACTION
BLOCK G AREA
PROPOSED CONDITIONS
LOCKHEED MARTIN MIDDLE RIVER COMPLEX

DATE	
PROJECT NO.	
DESIGNED BY	
DRAWN BY	
CHK'D BY	
CHK	

DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

REPLY TO
ATTENTION OF

JAN 2 4 2013

Operations Division

Mr. Tom Blackman
Lockheed Martin Corporation
c/o Mr. Paul Myers
Tetra Tech, Inc.
2051 Century Boulevard # 200
Germantown, Maryland 20874

Dear Mr. Blackman:

This is in reference to your application **CENAB-OP-RMN (Lockheed Martin Corp. /Blocks E, I & G/Site Remediation) 2012-61464-M02**, dated September 12, 2012 wherein you requested Department of the Army (DA) authorization to impact approximately 186 linear feet of an ephemeral stream channel by the placement of fill material within this channel The work is proposed in an ephemeral tributary to Cow Pen Creek, at 2323 Eastern Boulevard, Middle River, Baltimore County, Maryland. The project is part of a groundwater contamination cleanup project. The Corps received the application on November 7, 2012.

The U. S. Army Corps of Engineers, Baltimore District, has determined that the proposed work, if accomplished in accordance with the enclosed plan(s), is authorized as a Category A 1.e.(1) (a), Minor Nontidal Fills, under the Maryland State Programmatic General Permit-4 (MDSPGP-4). This general permit was published in the Corps Special Public Notice #11-77 issued on September 28, 2011. This MDSPGP-4 verification is provided pursuant to Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. If any of the information contained in your application and/or plans is later found to be in error, the MDSPGP-4 authorization for your project may be modified, suspended, or revoked.

The enclosed list of activity-specific impact limits and requirements and general conditions must be followed for purposes of the MDSPGP-4 in performing the work.

As a condition of the MDSPGP-4 authorization, you are required to complete and sign the **enclosed** Compliance Self-Certification Form regarding the completed work and any required mitigation. The signed form should be returned to the Regulatory Branch at the above address **within 60 days** following completion of the authorized work and any required mitigation. Your signature on the self-certification form verifies your understanding that the work was completed in accordance with the terms and conditions associated with your DA permit.

This permit verification, including the computation of impacts and any required compensatory mitigation requirements, is based on a preliminary jurisdictional determination (JD). This preliminary JD finds that there "may be" waters of the United States within the review area shown on the project plans dated November 15, 2012, a copy of which is enclosed, and identifies all potential jurisdictional waters area that could be affected by the proposed activity. This preliminary JD is not appealable.

If you do not agree with the extent of waters or wetlands and this preliminary JD upon which this permit verification was based, you are hereby advised of your option to request and obtain an approved JD from this office before accepting the terms and conditions of this permit verification. An approved JD is an official, written Corps determination stating the presence or absence of jurisdictional waters of the United States and identifies the limits of waters of the United States on a project site. An approved JD can be relied upon for a period of five years and can be appealed through the Corps' administrative appeal process (33 CFR Part 331).

Undertaking any activity in reliance on a Corps permit authorization based on a preliminary JD means that you accept the permit in entirety, and waive all rights to appeal the permit, including its terms and conditions and the preliminary JD associated with this permit.

Please be aware that the terms and conditions of this permit will continue to be binding on the new property owner(s) if structures or work authorized by this permit exist at the time of ownership transfer of the associated property. Although the construction period for work authorized by this MDSPGP-4 is finite, the permit itself, with its limitations, does not expire. To validate the transfer of this permit and the legal responsibility to comply with its terms and conditions, the transferee (new owner) must provide a mailing address and telephone number along with their signature and date in the space provided below and mail a copy to the above address.

Your MDSPGP-4 authorization is valid until September 30, 2016 unless the permit is modified, reissued, or revoked. You must remain informed of the changes to the MDSPGP-4. When changes to the MDSPGP-4 occur, a public notice announcing the changes will be issued.

Be advised that you have 12 months from the effective date of the MDSPGP-4's expiration, modification or revocation to complete the work under the present terms and conditions provided you have commenced construction or are under contract to commence construction of the authorized work.

In order for this authorization to be valid, you must obtain all required Federal, State, and local permits.

A copy of this letter is also being forwarded to the Maryland Department of the Environment, Nontidal Wetlands Division Attn: Mr. Phatta Thapa, for informational purposes. If you have any questions concerning this letter, please call me at (410) 962-6079.

Sincerely,

Jon Romeo

Jon Romeo
Regulatory Project Manager

Enclosures

TRANSFEREE SIGNATURE	DATE	AREA CODE / TELEPHONE NO.
PRINTED NAME	ADDRESS	

To identify how we can better serve you, we need your help. Please take the time to fill out our new customer service survey at: http://www.nab.usace.army.mil/Wetlands%20Permits/survey.htm

APPENDIX D—SOIL DESIGN DRAWINGS AND SURVEY DRAWING: BLOCKS E AND G

LOCKHEED MARTIN CORPORATION
SOIL REMEDIAL EXCAVATION
BLOCKS E AND G
MIDDLE RIVER, MARYLAND

DRAWING LIST

GENERAL

G-1	COVER SHEET
G-2	NOTES AND LEGEND

CIVIL

C-1	EXISTING CONDITION PLAN – BLOCK E
C-2	EXISTING CONDITION PLAN – BLOCK G
C-3	EXCAVATION PLAN – BLOCK E
C-4	EXCAVATION PLAN – BLOCK G
C-5	SITE RESTORATION PLAN – BLOCK E
C-6	SITE RESTORATION PLAN – BLOCK G
C-7	EROSION & SEDIMENT CONTROL PLAN – BLOCK E
C-8	EROSION & SEDIMENT CONTROL PLAN – BLOCK G
C-9	DETAILS I
C-10	DETAILS II
C-11	SEEDING SPECIFICATIONS

SITE DATA:

1. OWNER: LMC PROPERTIES INC.
100 SOUTH CHARLES STREET
BALTIMORE, MD 21201–2725

2. PROPERTY ADDRESS: LOCKHEED MARTIN CORPORATION
103 CHESAPEAKE PARK PLAZA
MIDDLE RIVER, MARYLAND 21220

3. SOURCE OF TITLE: DEED: LIBER 4953 FOLIO 235, PLAT: 51/43

4. TAX ACCOUNT NUMBER: 04–15–1900014060 MAP 90 GRID 18 PARCEL 964

5. PARCEL AREA: CHESAPEAKE PARK PLAZA BLOCK E, 16.026 AC.
BLOCK G, 13.461 AC.

6. ZONING: MH–IM, MAP NE 1–3, 1–4

7. TOPOGRAPHY: CONTOURS, ELEVATIONS AND PLANIMETRIC DATA SHOWN HEREON BASED ON THE DIGITAL VERSION OF THE DRAWING ENTITLED "LMC PROPERTIES, INC., CHESAPEAKE PARK SITE PLAN" PREPARED BY TAI CONSULTING ENGINEERS, DATED 4/15/01.

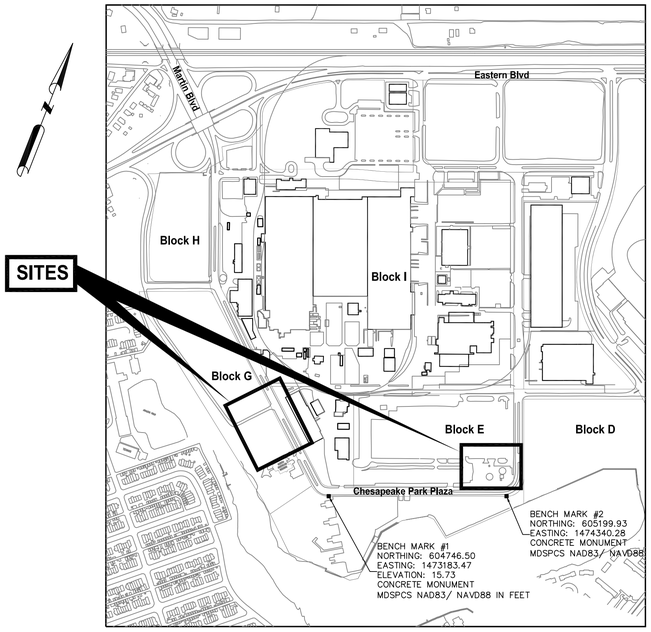
8. DATUM: HORIZONTAL=MARYLAND STATE PLANE 1983,
VERTICAL=NAVD 88

9. BOUNDARY: BOUNDARY LINE INFORMATION TAKEN FROM RECORDED PLAT E.H.K. JR. 51 FOLIO 43 "1ST AMENDED CHESAPEAKE PARK RE–SUBDIVISION" PREPARED BY MARYLAND SURVEYING AND ENGINEERING CO, INC. 4/24/84. BOUNDARY LINES HAVE BEEN ORIENTED TO THE BALTIMORE COUNTY METROPOLITAN DISTRICT GRID. SHOULD NOT BE CONSIDERED A BOUNDARY SURVEY.

10. UTILITIES: TOPOGRAPHIC SURVEY WAS PERFORMED IN JUNE 2011 IN BLOCK G LOCAL AREA AND THE EXISTING UTILITIES INFORMATION ARE SHOWN ACCORDING TO FIELD SURFACE EVIDENCE DURING THE SURVEY. UTILITY CROSS CONNECTION INVESTIGATION WAS PERFORMED FOR BLOCKS E&G BY TETRA TECH IN NOVEMBER 2011 AND GAVE ADDITIONAL UTILITY INFORMATION PER THE BEST AVAILABLE PLANS. REFER TO THE INVESTIGATION REPORT FIGURES 4–1 THROUGH FIGURE 4–8. ALL UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED PRIOR TO COMMENCING EXCAVATION OPERATIONS.

11. WATERSHED 108 MIDDLE RIVER

12. REFERENCE PLANS: "SITE PLAN, CHESAPEAKE PARK, LMC PROPERTIES, INC." DATED 10/02/02 PREPARED BY TAI CONSULTING ENGINEERS, AND NOTED THEREON AS BEING OBTAINED FROM FIELD RUN SURVEY CONDUCTED BY DMW, INC. DURING JUNE 1999 FLOATED TO STATE GRID.



LOCKHEED MARTIN MIDDLE RIVER COMPLEX

0 200 500 1000
1"=500'

TETRA TECH

www.tetratech.com
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STATE OF MARYLAND — STEVEN A. VARGA — No. 22605 — REGISTERED PROFESSIONAL ENGINEER — 6/6/13

MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112I004769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	G-1

COVER SHEET

GENERAL NOTES:

THIS SOIL REMEDIAL EXCAVATION AT BLOCKS E AND G IS PART OF A LARGER REMEDIATION PROJECT OF THE LOCKHEED MARTIN MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND.

THIS SITE SHOULD FOLLOW THE GENERAL GUIDELINES FOR SITE HEALTH AND SAFETY INCLUDING MONITORING AND DISPOSAL OF CONTAMINATED MATERIALS. ALL FILL SHALL BE "CLEAN FILL", WHICH MUST BE TESTED AND CERTIFIED CLEAN IN ACCORDANCE WITH APPROVED SOIL MANAGEMENT PLAN, WHETHER TAKEN FROM AN ON-SITE OR BORROW SOURCE.

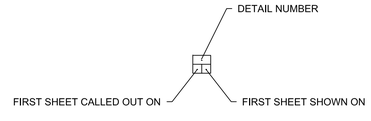
1. GRID COORDINATES REFERENCE MARYLAND STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (MDSPCS NAD83). ELEVATION REFERENCE NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD88).
2. GROUND SURFACE TOPOGRAPHY OF LOCAL BLOCK G AREA PREPARED BY TETRA TECH, NEWARK, DELAWARE (DATED 06/07 & 08/2011). GROUND SURFACE TOPOGRAPHY BETWEEN COW PEN CREEK AND CHESAPEAKE PARK PLAZA AND DELINEATED WETLANDS LIMITS SURVEYED BY TETRA TECH, NEWARK DELAWARE DURING NOVEMBER AND DECEMBER 2009.
3. REFERENCE DRAWING TITLED "SITE PLAN, CHESAPEAKE PARK, LMC PROPERTIES, INC." PREPARED BY TAI CONSULTING ENGINEERS, OWINGS MILLS, MARYLAND. REFERENCE "UTILITY CROSS-CONNECTION INVESTIGATION" PERFORMED BY TETRA TECH IN NOVEMBER 2011 BASED ON THE BEST AVAILABLE INFORMATION.
4. GROUNDWATER MONITORING WELL LOCATIONS SHOWN OBTAINED FROM TETRA TECH GIS DATABASE.
5. 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD) ELEVATION IS SHOWN ON THIS PLAN AS 9.0-FT NAVD88 BASED ON "FLOOD INSURANCE RATE MAP, BALTIMORE COUNTY, MARYLAND (UNINCORPORATED AREAS)" FLOOD INSURANCE MAP NUMBER 2400100435F [FEMA, SEPTEMBER 26, 2008]. THE 100-YEAR FLOOD ELEVATION IS INDICATED TO BE 8.7-FT BASED ON THE REVISED FEMA FLOOD STUDY [240010V000B] DATED 9/26/2008, AND 8.5-FT BASED ON THE PRELIMINARY FEMA FLOOD STUDY [240010V000C] DATED 9/30/2009.
6. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. VERIFICATION OF UTILITY LOCATIONS MUST BE MADE PRIOR TO WORK ON-SITE. NOTIFY MISS UTILITY OF MARYLAND (1-800-257-7777; www.missutility.net) AT LEAST 48 HOURS, BUT NOT MORE THAN 10 WORKING DAYS, PRIOR TO THE DAY EXCAVATION WILL COMMENCE. MISS UTILITY OF MARYLAND IS NOT EXPECTED TO HAVE COMPLETE RECORD OF UTILITIES FOR THE MIDDLE RIVER COMPLEX. IN ADDITION TO NOTIFYING MISS UTILITY OF MARYLAND, VERIFY UTILITY LOCATIONS PRIOR TO BEGINNING ANY WORK USING A MINIMUM OF TWO PASSIVE METHODS (E.G., ELECTROMAGNETIC INDUCTION, GROUND PENETRATING RADAR, MAGNETIC LOCATORS, ACOUSTIC SURVEY, ETC.).
7. INSPECT THE SITE PRIOR TO CONSTRUCTION TO VERIFY EXISTING SITE CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMPACTING CONSTRUCTION.
8. THE LOCATION FOR INGRESS AND EGRESS TO THE SITE SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR EACH BLOCK. PROVIDE INGRESS/EGRESS CONTROL INTO THE SITE AS PART OF MOBILIZATION ACTIVITIES.
9. PROVIDE PROTECTION FOR EXISTING TREES TO REMAIN.
10. MAINTAIN WORK AREAS FREE FROM DUST AND ODORS.
11. THE STORM WATER POLLUTION PREVENTION PLAN IS COMPRISED OF THE EROSION CONTROL DRAWINGS, STANDARD DETAILS, AND SPECIFICATIONS.
12. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLANS AND SPECIFICATIONS ALONG WITH KNOWLEDGE OF "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, DATED MAY 2011".
13. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE STORM WATER POLLUTION PREVENTION PLANS AND "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL".
14. BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR AS DEEMED NECESSARY BY FIELD OBSERVATION.
15. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
16. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE CONTAINED AND PROPERLY TREATED OR DISPOSED OF.
17. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEANUP FUEL OR CHEMICAL SPILLS AND LEAKS.
18. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
19. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
20. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. LEAVE THE SITE IN A CLEAN, SAFE, WELL DRAINING, AND NEAT CONDITION.
21. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 7 DAYS, SHALL BE TEMPORARILY STABILIZED AS SOON AS WEATHER PERMITS.
22. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SOON AS WEATHER PERMITS.
23. IF THE ACTION OF VEHICLES TRAVELING OVER THE CONSTRUCTION ENTRANCE IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
24. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
25. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL NOTE THE ADDITIONAL STOCKPILE AND BORROW AREA LOCATIONS ON THE SITE MAP, IF THEY ARE APPROVED BY THE OWNER'S REPRESENTATIVE.

GENERAL NOTES (CONTINUED):

27. PROVIDE EROSION CONTROLS ON SLOPES AND SWALES TRAVERSING, BORDERING, OR LEAVING THE SITE. LIMIT THE WATER FLOW TO A NON-EROSIVE VELOCITY.
28. CONTRACTOR SHALL PLACE EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 (H:V) AND STEEPER PER MANUFACTURERS REQUIREMENTS.
29. CONTRACTOR SHALL PROVIDE TEMPORARY SECURITY FENCING WHERE THE CONSTRUCTION SITE IS ACCESSIBLE FROM THE ADJACENT LOT. (SEE EROSION AND SEDIMENT CONTROL PLAN FOR BLOCK G)
30. REMOVE ALL TEMPORARY MEASURES AT THE COMPLETION OF CONSTRUCTION, AFTER STABILIZATION HAS BEEN COMPLETED.
31. CONTRACTOR SHALL PROVIDE A ONE YEAR EROSION/STABILIZATION MONITORING PLAN (I.E. MONTHLY SITE WALK AND SITE VISITS AFTER MAJOR RAINFALL EVENTS).

GENERAL GRADING NOTES AND CERTIFICATIONS:

1. THE PROPOSED GRADING SHOWN ON THIS PLAN MEETS THE REQUIREMENTS SET FORTH BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT AND COMPLIES WITH ARTICLE 33, TITLE 5 OF THE BALTIMORE COUNTY CODE. HOWEVER, DUE TO BUILDING TYPES AND LAYOUT, SOME FIELD ADJUSTMENTS MAY BE REQUIRED. ALL CHANGES MUST COMPLY WITH THE ABOVE MENTIONED REQUIREMENTS.
2. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN WETLANDS, EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT.



DETAIL INDICATOR

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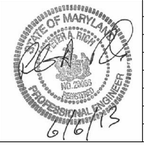


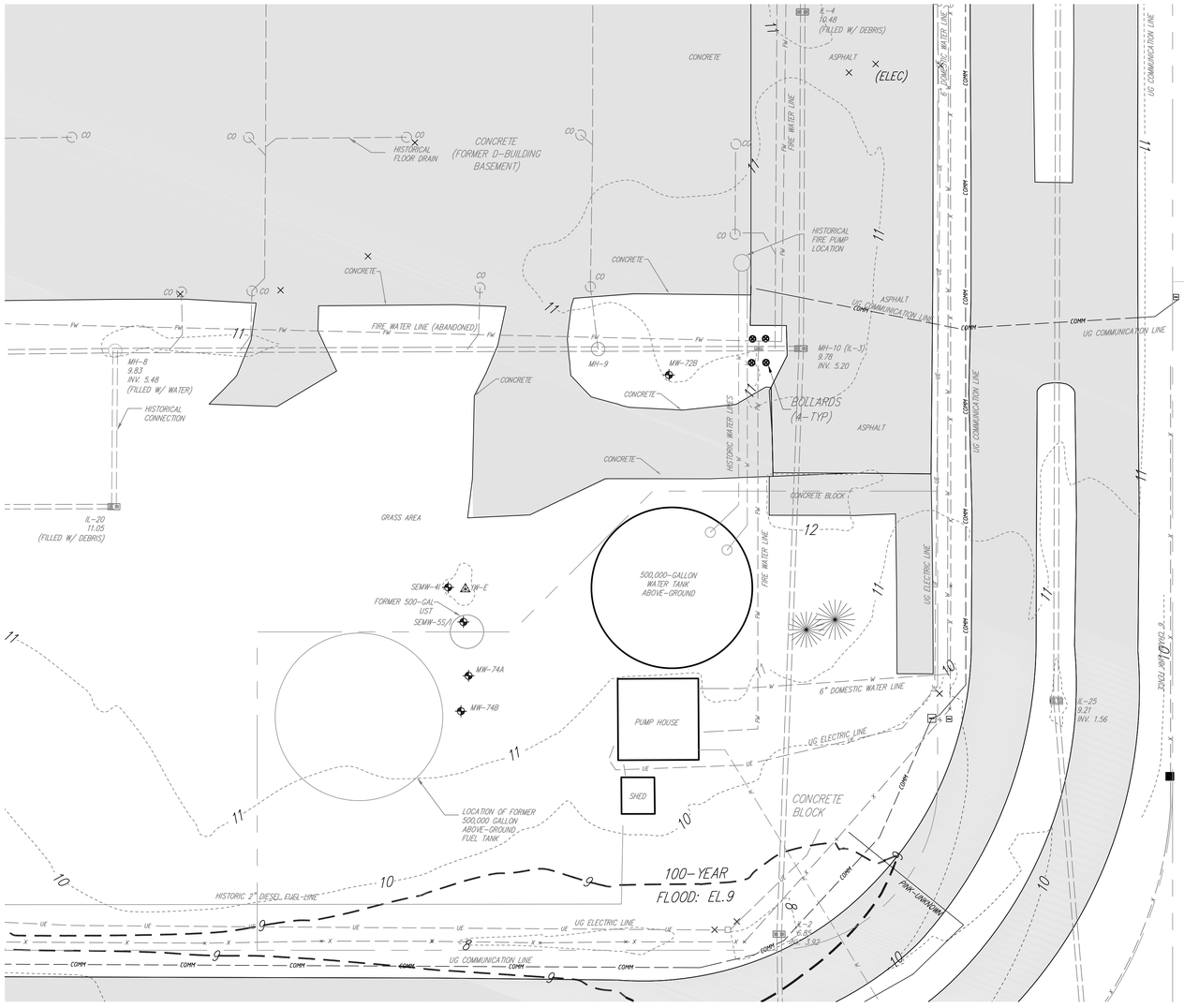
MARK	DATE	DESCRIPTION	BY

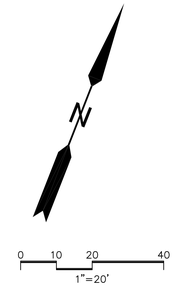
SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	**G-2**

GENERAL NOTES





PLAN
SCALE: 1" = 20'

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING - MAJOR
- 5-FT MAJOR CONTOUR
- 1-FT MINOR CONTOUR

EXISTING UTILITIES

- WATER LINE W/ VALVE & HYDRANT
- GAS LINE W/ METER & VALVE
- UNDERGROUND ELECTRIC
- ABOVE-GROUND ELECTRIC W/ POLE
- COMMUNICATIONS W/ BOX
- STORM PIPE W/ INLET & MANHOLE
- HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SANITARY LINE W/ CLEANOUT
- FORCE MAIN
- CHAIN LINK FENCE W/ GATE
- UNKNOWN UTILITIES- GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- PAVEMENT SURFACE
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL
- PILOT TEST INJECTION WELL

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6/6/13

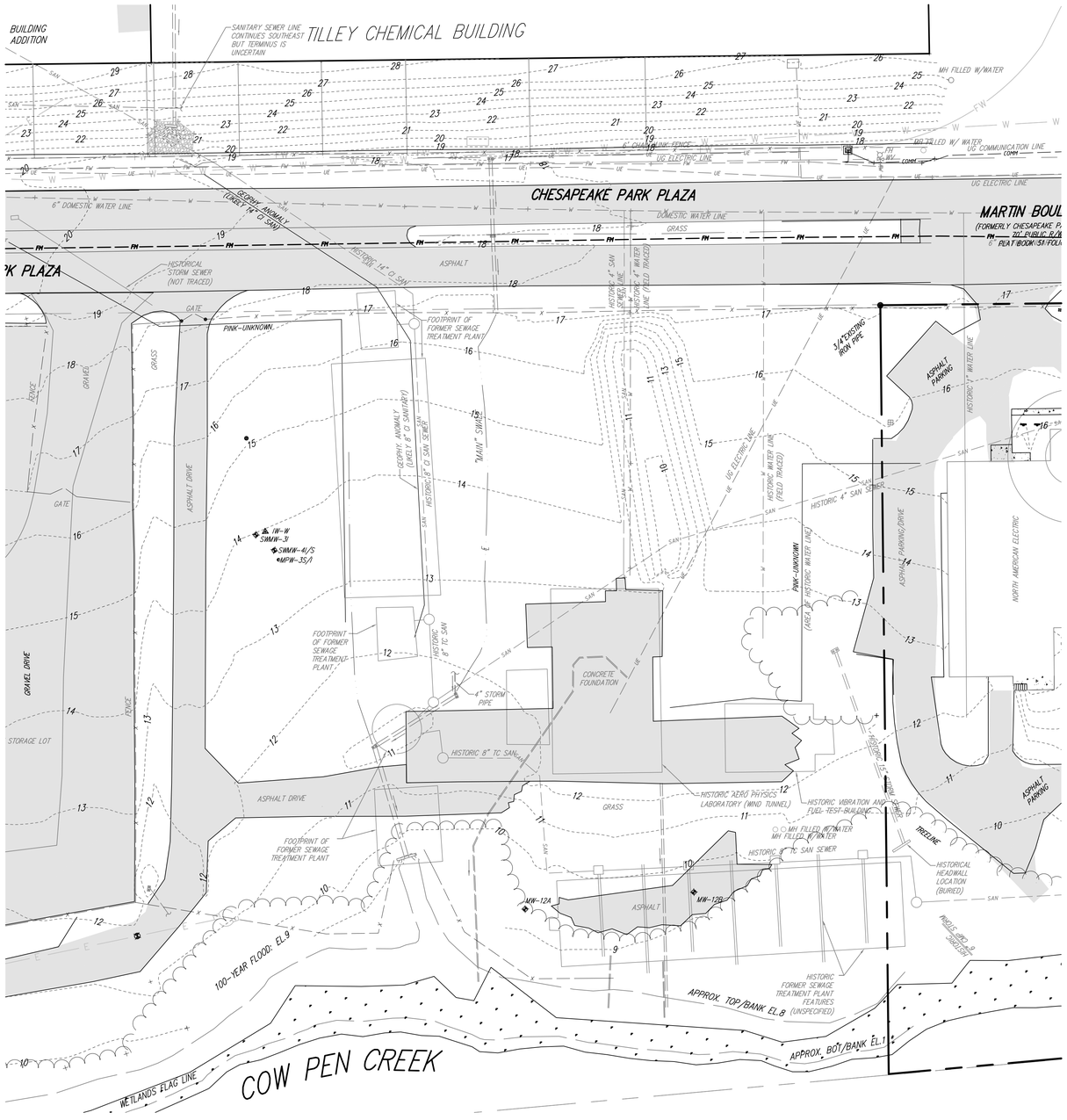
MARK	DATE	DESCRIPTION	BY

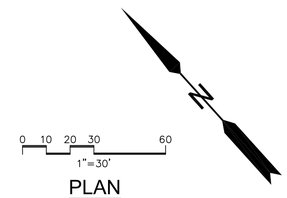
SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	C-1

EXISTING CONDITIONS PLAN - BLOCK E





PLAN
SCALE: 1" = 30'

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING – MAJOR
- 5-FT MAJOR CONTOUR
- 1-FT MINOR CONTOUR

EXISTING UTILITIES

- WATER LINE W/ VALVE & HYDRANT
- GAS LINE W/ METER & VALVE
- UNDERGROUND ELECTRIC
- ABOVE-GROUND ELECTRIC W/ POLE
- COMMUNICATIONS W/ BOX
- STORM PIPE W/ INLET & MANHOLE
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- PILOT TEST INJECTION WELL

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REGISTERED PROFESSIONAL ENGINEER
6/6/13

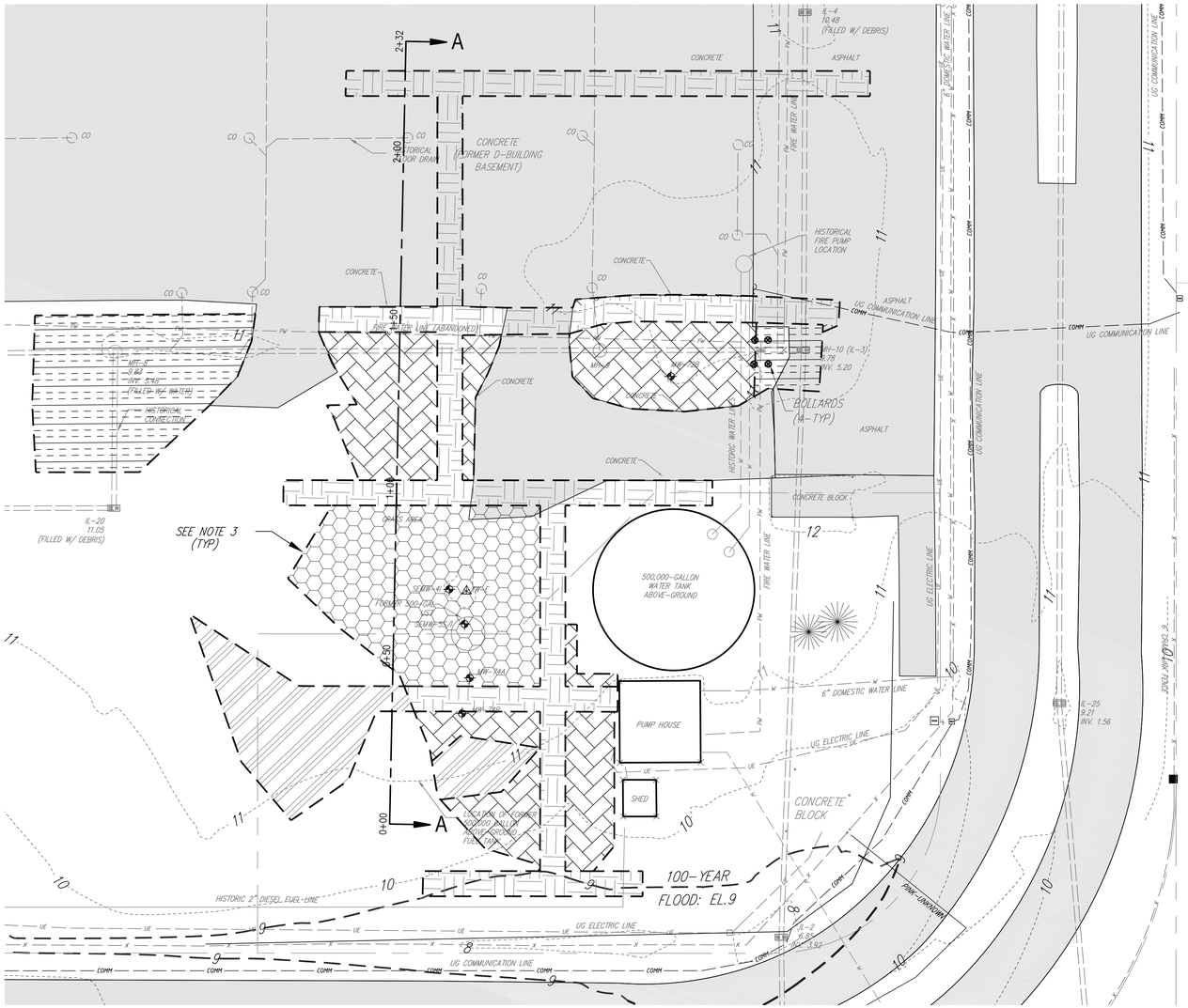
MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	C-2

EXISTING CONDITION PLAN - BLOCK G


A
2+32
2+00
1+50
1+00
0+50
0+00
CONCRETE
ASPHALT
CONCRETE (FORMER D-BUILDING BASEMENT)
HISTORICAL FLOOR DRAIN
HISTORICAL FIRE PUMP LOCATION
FIRE WATER LINE (ABANDONED)
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MW-30D
MW-30A
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MW-30QX
MW-30QY
MW-30QZ



PROPOSED LEGEND

REMEDIAL SYSTEM FEATURES

NON-HAZ LIMIT OF EXCAVATION – 3' DEPTH

0 10 20 30 60

1"=30'

PLAN

SCALE: 1" = 30'

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING – MAJOR
- 5-FT MAJOR CONTOUR
- 1-FT MINOR CONTOUR

EXISTING UTILITIES

- WATER LINE W/ VALVE & HYDRANT
- GAS LINE W/ METER & VALVE
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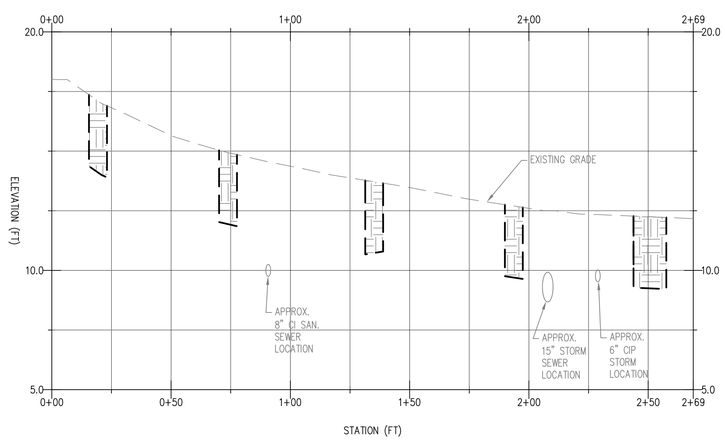
- PILOT TEST INJECTION WELL



SECTION B-B
PROPOSED EXCAVATION

SCALE: HORZ. 1" = 30' VER.1"=3'

NOTES

1. CONTRACTOR SHALL ADHERE TO THE GRADING PLAN THAT IS APPROVED BY BALTIMORE COUNTY.
2. CONTRACTOR SHALL RAISE WELL HEADS TO THE PROPOSED GRADING ELEVATION SHOWN.
3. SOIL EXCAVATION IN BLOCK G = 3' DEPTH OR TO GROUNDWATER TABLE, WHICHEVER IS LESS.
4. SOIL EXCAVATION IN BLOCK G TRENCH = 7.5' WIDTH

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STATE OF MARYLAND — JOHN A. RICH — NO. 22053 — REGISTERED PROFESSIONAL ENGINEER — 6/6/13

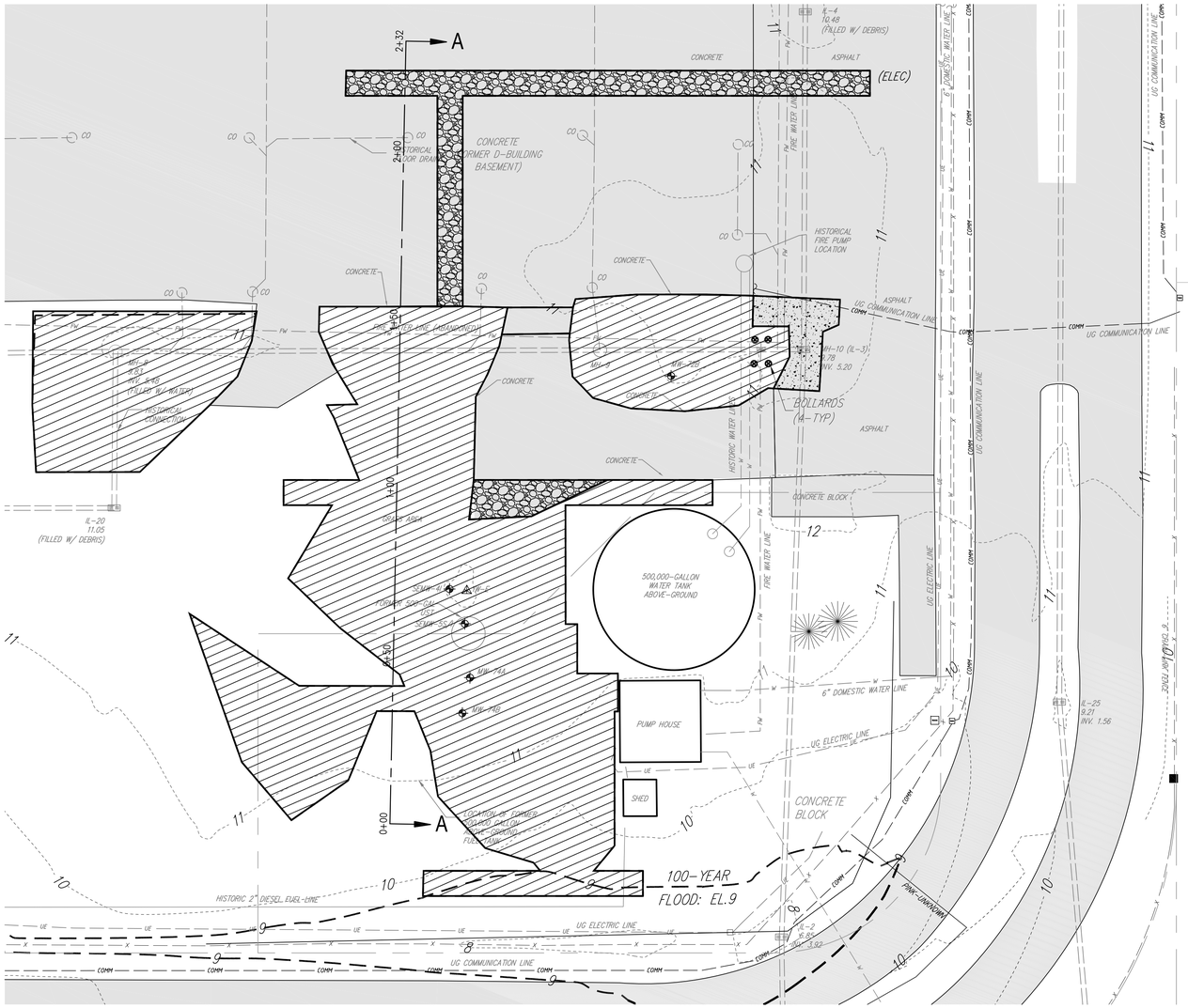
MARK	DATE	DESCRIPTION	BY

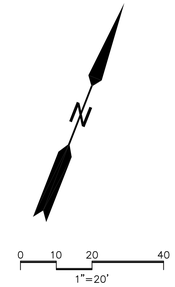
SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	C-4

EXCAVATION PLAN BLOCK G





PLAN
SCALE: 1" = 20'

PROPOSED LEGEND

RESTORATION: DISTURBED AREA -> RESTORED SURFACE FINISH

- DISTURBED GRASS -> TOPSOIL AND SEED
- DISTURBED CONCRETE -> CRUSHED STONE
- DISTURBED ASPHALT -> ASPHALT

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING - MAJOR
- 5-FT MAJOR CONTOUR
- 1-FT MINOR CONTOUR

EXISTING UTILITIES

- WATER LINE W/ VALVE & HYDRANT
- GAS LINE W/ METER & VALVE
- UNDERGROUND ELECTRIC
- ABOVE-GROUND ELECTRIC W/ POLE
- COMMUNICATIONS W/ BOX
- STORM PIPE W/ INLET & MANHOLE
- HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SANITARY LINE W/ CLEANOUT
- FORCE MAIN
- CHAIN LINK FENCE W/ GATE
- UNKNOWN UTILITIES- GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- PAVEMENT SURFACE
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL
- PILOT TEST INJECTION WELL

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STATE OF MARYLAND
6/6/13

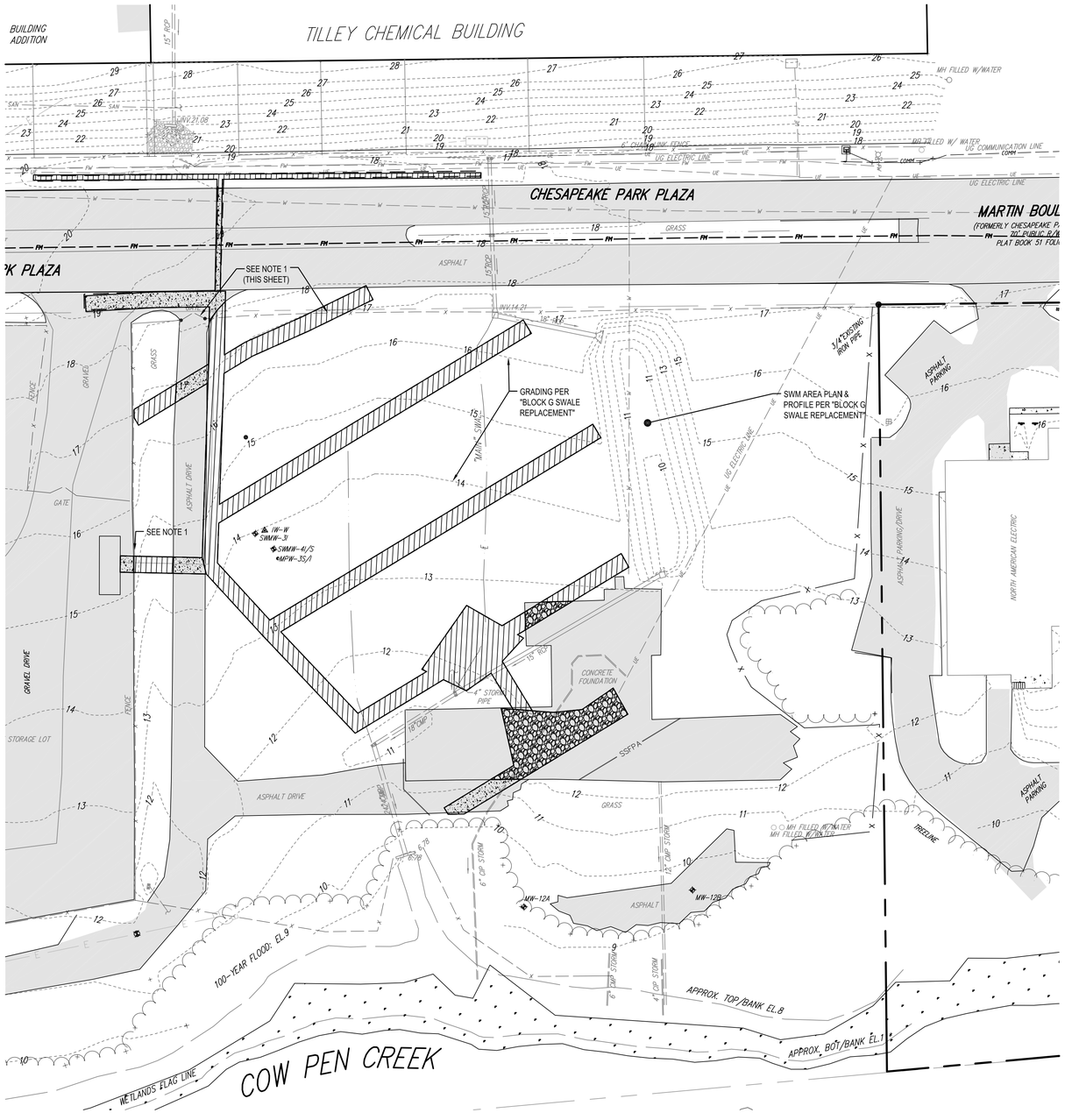
MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	C-5

SITE RESTORATION PLAN - BLOCK E



PROPOSED LEGEND

RESTORATION: DISTURBED AREA -> RESTORED SURFACE FINISH

- DISTURBED GRASS -> TOPSOIL AND SEED
- DISTURBED CONCRETE -> CRUSHED STONE
- DISTURBED ASPHALT -> ASPHALT

0 10 20 30 60
1"=30'

PLAN
SCALE: 1" = 30'

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING - MAJOR
- 5-FT MAJOR CONTOUR
- 1-FT MINOR CONTOUR

EXISTING UTILITIES

- WATER LINE W/ VALVE & HYDRANT
- GAS LINE W/ METER & VALVE
- UNDERGROUND ELECTRIC
- ABOVE-GROUND ELECTRIC W/ POLE
- COMMUNICATIONS W/ BOX
- STORM PIPE W/ INLET & MANHOLE
- HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SANITARY LINE W/ CLEANOUT
- FORCE MAIN
- CHAIN LINK FENCE W/ GATE
- UNKNOWN UTILITIES- GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- PAVEMENT SURFACE
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL

NOTES:

1. RESTORE/REBUILD DISTURBED GATE AND FENCE TO THE EXISTING CONDITIONS.

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STATE OF MARYLAND
TETRA A. RICH
No. 20066
REGISTERED PROFESSIONAL ENGINEER
6/6/13

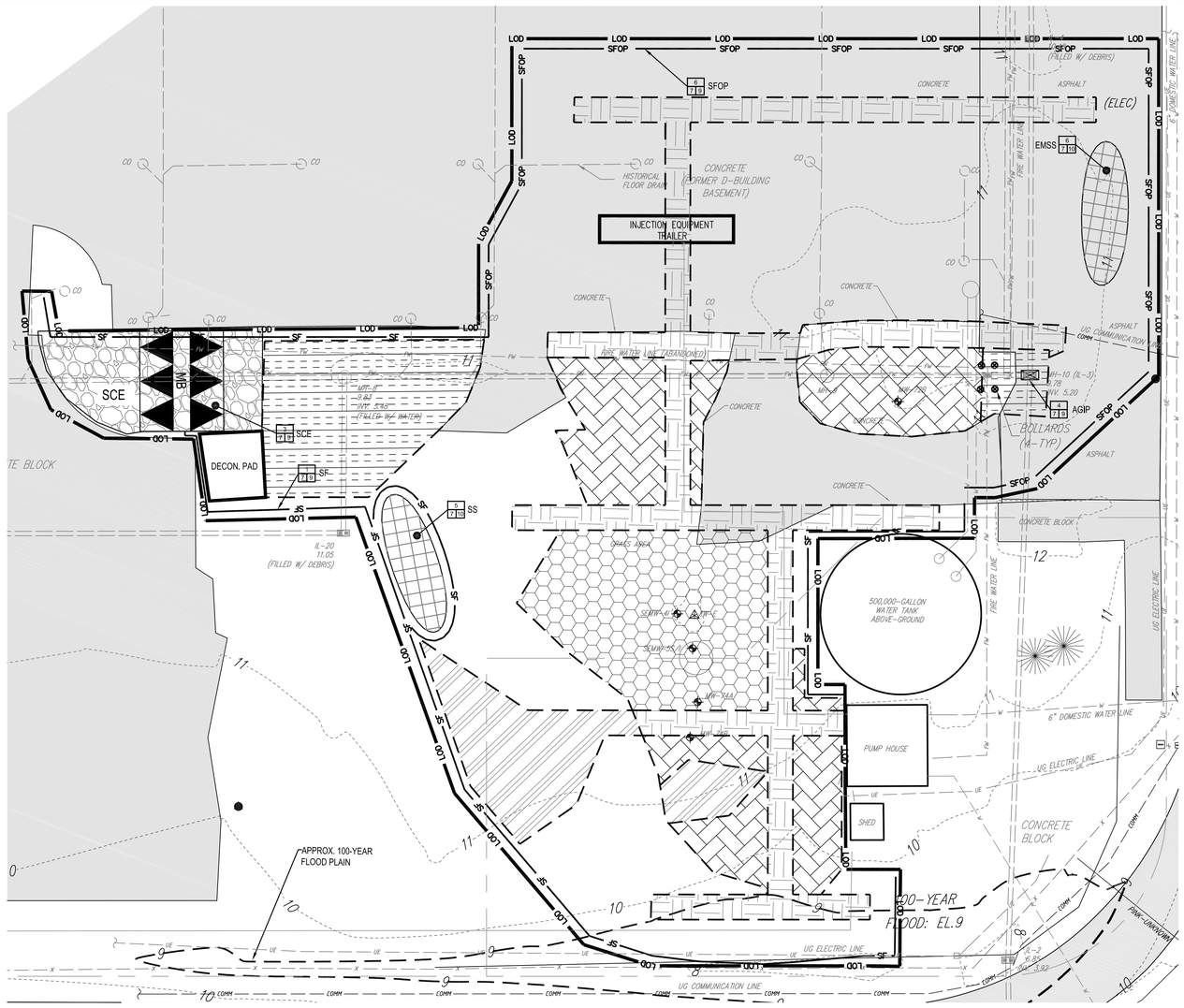
MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	C-6

SITE RESTORATION PLAN - BLOCK G



TRAFFIC AND STOCKPILE NOTE:

ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT VIA A STABILIZED CONSTRUCTION ENTRANCE. A WASH RACK SHALL BE PROVIDED AT THE STABILIZED CONSTRUCTION ENTRANCE IF VEHICLES BEGIN TO TRACK MUD ONTO PUBLIC ROAD. CONTRACTOR SHALL REMOVE OR IMPORT DIRT AS REQUIRED. ANY STOCKPILE AREA CREATED FOR THIS PROJECT SHALL BE MANAGED BY A SEDIMENT CONTROL DEVICE AT ALL TIMES.

TEMPORARY STOCKPILES SHALL BE:

1. LOCATED WITHIN THE LIMIT OF DISTURBANCE (LOD).
2. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO.
3. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION.
4. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT.
5. DRAIN TO A FUNCTIONING SEDIMENT CONTROL DEVICE.
6. POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
7. POSITIONED TO NOT ALTER DRAINAGE DIVIDES.
8. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

INLET PROTECTION NOTE:

THE CONTRACTOR SHALL INSPECT THE AREA WITHIN LOD AND PLACE INLET PROTECTION AT HISTORICAL DRAINS WHETHER OPEN OR FILLED WITH RUBBLE.

THE CONTRACTOR IS REQUIRED TO INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

1. ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.*
2. INLETS ON PRIVATE OR PUBLIC PAVED ROADWAYS OPEN TO THE PUBLIC.

ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE E-23 (OR AS MAY BE AMENDED). THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.

*STORM DRAINS SHALL BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL.

UTILITY NOTE:

1. CONTRACTOR SHOULD OPEN ONLY THAT SECTION OF TRENCH THAT CAN BE BACKFILLED AND STABILIZED EACH DAY. IF TRENCH MUST REMAIN OPEN LONGER THAN ONE DAY, SILT FENCE SHALL BE PLACED BELOW (DOWNSLOPE OF) THE TRENCH.
2. PLACE ALL EXCAVATED MATERIAL ON UPHILL SIDE OF TRENCH.
3. ANY SEDIMENT CONTROLS DISTURBED BY UTILITY CONSTRUCTION ARE TO BE REPAIRED IMMEDIATELY.

MAINTENANCE NOTE:

SILT FENCE AND INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED EACH DAY AND AFTER EACH STORM EVENT BY THE CONTRACTOR. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION. ANY DAMAGED OR REMOVED SILT FENCE SHALL BE REPAIRED OR REPLACED BY THE END OF EACH DAY.

ALL OTHER EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED ON A WEEKLY AND AS-NEEDED BASIS (AFTER RAIN EVENTS) BY A PERSON EXPERIENCED IN EROSION AND SEDIMENT CONTROL PRACTICES, AND SHALL BE REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 25% OF FENCE HEIGHT.
2. THE CONSTRUCTION ENTRANCES AND ASPHALT DRIVE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCE AND ASPHALT DRIVE AS CONDITIONS NEEDED OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.

SEQUENCE OF OPERATIONS:

- THE CONTRACTOR SHALL VERIFY THAT ALL APPLICABLE EARTH DISTURBANCE PERMITS, PLANS, AND CERTIFICATES PERTAINING TO EROSION AND SEDIMENT CONTROL HAVE BEEN APPROVED, SIGNED, AND POSTED ON-SITE (IF REQUIRED). CONTRACTOR SHALL APPLY FOR (BE THE PERMITTEE) THE NPDES CONSTRUCTION ACTIVITY PERMIT AND COMPLY WITH ALL SUBSTANTIVE REQUIREMENTS OF SUCH PERMITS.
- CONTACT MISS UTILITY TO LOCATE ALL SITE UTILITIES WITHIN LIMITS OF DISTURBANCE. FOLLOWING UTILITY LOCATION, VISIT SITE TO VERIFY SITE CONDITIONS.
- IF SIGNIFICANT CHANGES TO E&S PERIMETER CONTROLS DEFINED IN APPROVED GRADING PLAN AND GRADING PERMIT ARE MADE, CONTRACTOR MUST COORDINATE CHANGE WITH OWNER AND BALTIMORE COUNTY AND RECEIVE APPROVAL BEFORE PROCEEDING WITH WORK. EMERGENCY MEASURES SHALL BE TAKEN AS NECESSARY TO PREVENT ENVIRONMENTAL DAMAGE.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE OWNER.

1. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, (410) 887-3226 AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. IF A PROJECT REQUIRES EITHER STATE, OR FEDERAL PERMITS DUE TO IN-STREAM CONSTRUCTION, IT SHALL BE NECESSARY TO NOTIFY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, INSPECTION AND COMPLIANCE PROGRAM, (410) 537-3510 AT LEAST 5 DAYS PRIOR TO BEGINNING WORK.
2. IF APPLICABLE, ORANGE HIGH VISIBILITY FENCE SHALL BE MANUALLY INSTALLED ALONG THE LIMIT OF DISTURBANCE, WHERE THE LIMIT IS WITHIN 50 FEET OF THE FOREST BUFFER/CONSERVATION EASEMENT. THIS SHALL BE COMPLETED BY AND INSPECTED AT THE PRE-CONSTRUCTION MEETING.
3. CLEAR AND GRUB FOR SEDIMENT & EROSION CONTROL MEASURES OR DEVICES ONLY.
4. INSTALL ALL SEDIMENT & EROSION CONTROL MEASURES AND DEVICES AS SHOWN. ADDITIONAL MEASURES MAY BE REQUIRED BY FEDERAL, STATE, AND LOCAL STANDARDS OR DEEMED APPROPRIATE IN THE FIELD.
5. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, UPON COMPLETION OF SAID INSTALLATION.
6. WITH THE APPROVAL OF BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, AND THE SEDIMENT CONTROL INSPECTOR, START EXCAVATING AREAS WITHIN THE LIMIT OF EXCAVATION.
7. UNKNOWN UTILITIES MAY EXIST. CLOSE OBSERVATION AND CAREFUL DIGGING IS REQUIRED DURING EXCAVATION. SAW-CUT EXISTING PAVEMENT 1 FT OFFSET FROM THE LIMIT OF EXCAVATION ON PAVEMENT.
8. REMOVE ALL CONTAMINATED SOIL OFFSITE.
9. BACKFILL EXCAVATED AREAS TO THE EXISTING GRADE.
10. GROUNDWATER REMEDY SYSTEM INSTALLATION TO BE COMPLETED BY OTHERS PER "IN-SITU BIOREMEDIATION GROUNDWATER REMEDY SYSTEM" PROJECT.
11. COMPLETE SITE RESTORATION.
12. MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES IN FULLY FUNCTIONAL CONDITION THROUGHOUT CONTRACT PERIOD. CONTRACTOR IS REQUIRED TO USE ADDITIONAL DEWATERING PRACTICES IF/WHEN NECESSARY.
13. UPON STABILIZATION OF SITE WITH ESTABLISHED VEGETATION AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE THOSE AREAS DISTURBED BY THIS PROCESS.

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING - MAJOR
- 10 — 5-FT MAJOR CONTOUR
- 12 — 1-FT MINOR CONTOUR

EXISTING UTILITIES

- W — PIV — WATER LINE W/ VALVE & HYDRANT
- G — PIV — GAS LINE W/ METER & VALVE
- UE — UNDERGROUND ELECTRIC
- OE — PP — ABOVE-GROUND ELECTRIC W/ POLE
- COMM — COMMUNICATIONS W/ BOX
- 6"VCP — STORM PIPE W/ INLET & MANHOLE
- HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SAN — CO — SANITARY LINE W/ CLEANOUT
- FM — FORCE MAIN
- CHAIN LINK FENCE W/ GATE
- UNWN — UNKNOWN UTILITIES- GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- PAVEMENT SURFACE
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL

PROPOSED LEGEND

REMEDIAL SYSTEM FEATURES

- VARIOUS EXCAVATION DEPTHS - SEE EXCAVATION PLAN

EROSION AND SEDIMENT CONTROL FEATURES

- AT-GRADE INLET PROTECTION
- MODIFIED INLET PROTECTION
- TEMPORARY STOCKPILE
- LOD — LIMIT OF DISTURBANCE
- SF — SILT FENCE
- SFOP — SILT FENCE ON PAVEMENT/CONCRETE
- SSF — SSF — SUPER SILT FENCE
- DF — DIVERSION FENCE
- SCE — STABILIZED CONSTRUCTION ENTRANCE

0 10 20 40

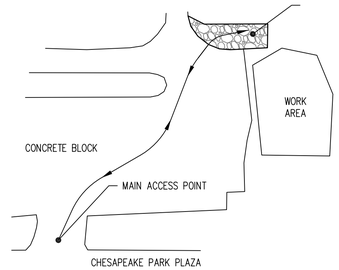
1"=20'

PLAN

SCALE: 1" = 20'

NOTES:

1. BLOCK E SOIL REMEDIAL EXCAVATION INFORMATION:
   a. TOTAL AREA OF BLOCK E = 16.026 ACRES
   b. AREA WITHIN LIMITS OF DISTURBANCE = 1.1 ACRES (49,800 SQFT)
   c. AREA WITHIN LIMITS OF EXCAVATION = 0.43 ACRES
   d. TOTAL TRENCH (3'D X 7.5'W) LENGTH = 813 LINEAR FOOT, APPROXIMATELY 252 LF OF TRENCH IS LOCATED ON CONCRETE FOUNDATION.
   e. TOTAL CUT = 1,542 CUBIC YARDS
      TOTAL ESTIMATED TSCA CUT = 438 CUBIC YARDS
      TOTAL ESTIMATED NON-HAZARDOUS CUT = 1,104 CUBIC YARDS
   f. OFF-SITE WASTE / BORROW AREA LOCATION - LOCATIONS NOT YET DETERMINED
2. ALL EXISTING WELLS SHALL BE PROTECTED DURING CONSTRUCTION.
3. THE AREAS SHALL BE RESTORED TO APPROXIMATE EXISTING GRADES AND FINISH. THE DISTURBED GRASS AREAS SHALL BE SEEDED PER SEEDING SPECIFICATIONS. THE DISTURBED ASPHALT PAVEMENT SHALL BE REPAVED WITH ASPHALT. THE DISTURBED CONCRETE AREAS SHALL BE COVERED WITH CRUSHED STONE.
   a. GRASS AREA WITHIN LIMITS OF EXCAVATION (APPROX.) = 0.35 ACRES (15533 SQFT)
   b. CONCRETE AREA WITHIN LIMITS OF EXCAVATION (APPROX.) = 0.05 ACRES (1963 SQFT)
   c. ASPHALT AREA WITHIN LIMITS OF EXCAVATION (APPROX.) = 0.01 ACRES (426 SQFT)
4. CONTRACTOR SHALL PROTECT/REMOVE THOSE UTILITIES ENCOUNTERED DURING EXCAVATION PER THE OWNER'S APPROVAL.



TRAFFIC FLOW DIAGRAM

FORWARD →

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STATE OF MARYLAND — JOSEPH A. RICH — No. 22053 — REGISTERED PROFESSIONAL ENGINEER — 6/6/13

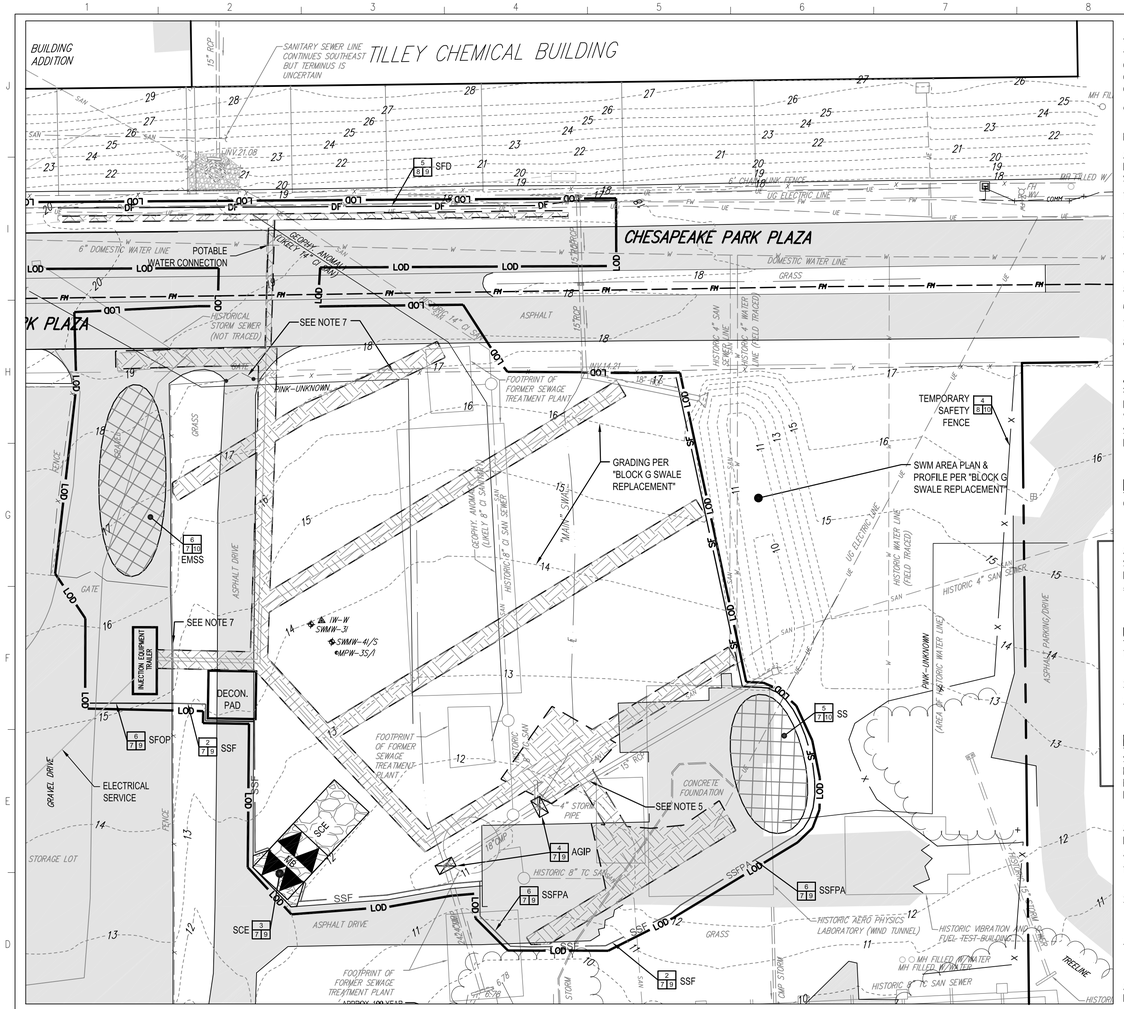
MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	C-7

EROSION & SEDIMENT CONTROL PLAN BLOCK E



TRAFFIC AND STOCKPILE NOTE:

CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DURING THE WORK AT CHESAPEAKE PARK PLAZA. CONTRACTOR SHALL NOT CLOSE BOTH TRAFFIC LANES AT THE SAME TIME. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER COORDINATION OF TRAFFIC CONTROL ACTIVITIES WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS INCLUDING;

a. ACQUISITION OF PERMITS AND SUBMISSION OF TEMPORARY TRAFFIC CONTROL PLANS TO PERFORM WORK IN THE RIGHT-OF-WAY IF REQUIRED.

b. COORDINATE OF CONSTRUCTION VEHICLES ENTERING AND EXISTING THE PROPERTY SHALL TAKE PLACE ON SUITABLE ROADS.

A WASH RACK SHALL BE PROVIDED AT THE STABILIZED CONSTRUCTION ENTRANCE IF VEHICLES BEGIN TO TRACK MUD ONTO PUBLIC ROAD. CONTRACTOR SHALL REMOVE OR IMPORT DIRT AS REQUIRED. ANY STOCKPILE AREA CREATED FOR THIS PROJECT SHALL BE MANAGED BY A SEDIMENT CONTROL DEVICE AT ALL TIMES.

TEMPORARY STOCKPILES SHALL BE:

1. LOCATED WITHIN THE LIMIT OF DISTURBANCE (LOD).
2. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO.
3. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION.
4. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT.
5. DRAIN TO A FUNCTIONING SEDIMENT CONTROL DEVICE.
6. POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
7. POSITIONED TO NOT ALTER DRAINAGE DIVIDES.
8. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

INLET PROTECTION NOTE:

CONTRACTOR IS REQUIRED TO INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

1. ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.*
2. INLETS ON PRIVATE OR PUBLIC PAVED ROADWAYS OPEN TO THE PUBLIC.

ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE E-23 (OR AS MAY BE AMENDED). THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.

*STORM DRAINS SHALL BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL.

UTILITY NOTE:

1. CONTRACTOR SHOULD OPEN ONLY THAT SECTION OF TRENCH THAT CAN BE BACKFILLED AND STABILIZED EACH DAY. IF TRENCH MUST REMAIN OPEN LONGER THAN ONE DAY, SILT FENCE SHALL BE PLACED BELOW (DOWNSLOPE OF) THE TRENCH.
2. PLACE ALL EXCAVATED MATERIAL ON UPHILL SIDE OF TRENCH.
3. ANY SEDIMENT CONTROLS DISTURBED BY UTILITY CONSTRUCTION ARE TO BE REPAIRED IMMEDIATELY.

MAINTENANCE NOTE:

SILT FENCE AND INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED EACH DAY AND AFTER EACH STORM EVENT BY THE CONTRACTOR. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION. ANY DAMAGED OR REMOVED SILT FENCE SHALL BE REPAIRED OR REPLACED BY THE END OF EACH DAY.

ALL OTHER EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED ON A WEEKLY AND AS-NEEDED BASIS (AFTER RAIN EVENTS) BY A PERSON EXPERIENCED IN EROSION AND SEDIMENT CONTROL PRACTICES, AND SHALL BE REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES 25% OF FENCE HEIGHT.
2. THE CONSTRUCTION ENTRANCES AND ASPHALT DRIVE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCE AND ASPHALT DRIVE AS CONDITIONS NEEDED OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.

SEQUENCE OF OPERATIONS:

- SEE SHEET C-7.

EXISTING LEGEND

- PROPERTY LINE W/ MONUMENTS
- TREELINE
- BUILDING - MAJOR
- 5-FT MAJOR CONTOUR
- 1-FT MINOR CONTOUR

EXISTING UTILITIES

- WATER LINE W/ VALVE & HYDRANT
- GAS LINE W/ METER & VALVE
- UNDERGROUND ELECTRIC
- ABOVE-GROUND ELECTRIC W/ POLE
- COMMUNICATIONS W/ BOX
- STORM PIPE W/ INLET & MANHOLE
- HISTORICAL FLOOR DRAIN W/ CLEANOUT
- SANITARY LINE W/ CLEANOUT
- FORCE MAIN
- CHAIN LINK FENCE W/ GATE
- UNKNOWN UTILITIES- GEOPHYSICAL SURVEY
- HISTORICAL UTILITIES OR STRUCTURES (LINETYPES VARY)
- PAVEMENT SURFACE
- EXISTING MONITORING WELL
- PILOT TEST INJECTION WELL

PROPOSED LEGEND

REMEDIAL SYSTEM FEATURES

- NON-HAZ LIMIT OF EXCAVATION - 3' DEPTH

EROSION AND SEDIMENT CONTROL FEATURES

- AT-GRADE INLET PROTECTION
- MODIFIED INLET PROTECTION
- TEMPORARY STOCKPILE
- LOD — LIMIT OF DISTURBANCE
- SF — SILT FENCE
- SFOP — SILT FENCE ON PAVEMENT/CONCRETE
- SSF — SUPER SILT FENCE
- DF — DIVERSION FENCE
- SCE — STABILIZED CONSTRUCTION ENTRANCE

0 10 20 30 60

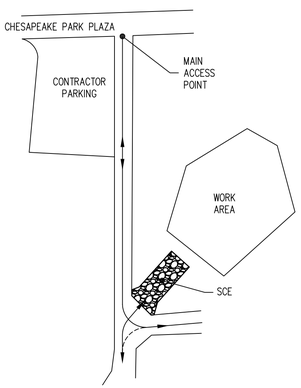
1"=30'

PLAN

SCALE: 1" = 30'

NOTES:

1. BLOCK G SOIL REMEDIAL EXCAVATION INFORMATION:
   a. TOTAL AREA OF BLOCK G = 13.461 ACRES
   b. AREA WITHIN LIMITS OF DISTURBANCE = 1.7 ACRES (72,030 SQFT)
   c. AREA WITHIN LIMITS OF EXCAVATION = 0.23 ACRES
   d. TOTAL TRENCH (3'D X 7.5'W) LENGTH = 1,373 LINEAR FOOT, APPROXIMATELY 294 LF OF TRENCH IS LOCATED ON PAVEMENT INCLUDING 90 LF OF CONCRETE. TRENCH WIDTH ACROSS AND NORTH OF CHESAPEAKE PLAZA = 2.5'
   e. TOTAL CUT/FILL = 1,132 CUBIC YARDS
   f. OFF-SITE WASTE/BORROW AREA LOCATION - LOCATIONS NOT YET DETERMINED
2. ALL EXISTING WELLS SHALL BE PROTECTED DURING CONSTRUCTION.
3. THE AREAS SHALL BE RESTORED TO THE GRADES AND FINISH PER "BLOCK G SWALE REPLACEMENT" PROJECT. THE DISTURBED GRASS AREAS SHALL BE SEEDED PER SEEDING SPECIFICATIONS. THE DISTURBED ASPHALT PAVEMENT SHALL BE REPAVED WITH ASPHALT. THE DISTURBED CONCRETE SHALL BE COVERED WITH CRUSHED STONE.
   a. GRASS AREA WITHIN LIMITS OF EXCAVATION (APPROX.) = 0.16 ACRES (7106 SQFT)
   b. CONCRETE AREA WITHIN LIMITS OF EXCAVATION (APPROX.) = 0.03 ACRES (1359 SQFT)
   c. ASPHALT AREA WITHIN LIMITS OF EXCAVATION (APPROX.) = 0.02 ACRES (1049 SQFT)
4. CONTRACTOR SHALL PROTECT/REMOVE THOSE UTILITIES ENCOUNTERED DURING EXCAVATION PER THE OWNER'S APPROVAL.
5. RESTORE/REBUILD DISTURBED GATE AND FENCE TO THE EXISTING CONDITIONS.



TRAFFIC FLOW DIAGRAM

FORWARD →

REVERSE ←

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STATE OF MARYLAND — SHAWN A. VARIANO — No. 21063 — PROFESSIONAL ENGINEER — 6/19/13

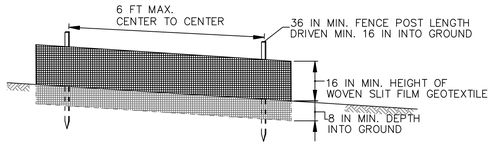
MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION BLOCKS E AND G

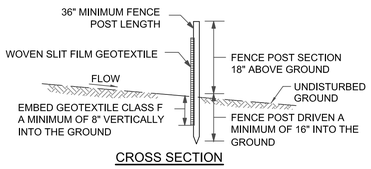
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	C-8

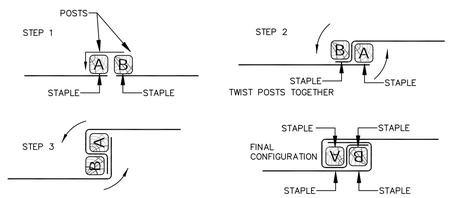
EROSION AND SEDIMENT CONTROL PLAN - BLOCK G



ELEVATION



CROSS SECTION



TOP VIEW - JOINING TWO
ADJACENT SILT FENCE SECTIONS

CONSTRUCTION SPECIFICATIONS

1. USE WOOD POSTS 1¾ X 1¾ ± 1/16 INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
2. USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
3. USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN THIS SHEET AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
4. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS.
5. EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
6. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
7. EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
8. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

1 | 7 | 9 SILT FENCE
NOT TO SCALE

GEOTEXTILE SPECIFICATIONS

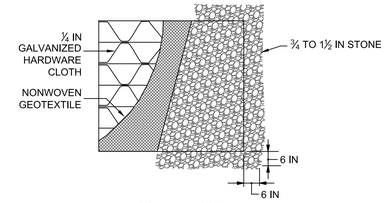
		WOVEN SILT FILM		WOVEN MONOFILAMENT		NONWOVEN GEOTEXTILE	
		MINIMUM AVERAGE ROLL VALUE*					
PROPERTY	TEST METHOD	MD	CD	MD	CD	MD	CD
GRAB TENSILE STRENGTH	ASTM D-4632	200 LB	200 LB	370 LB	250 LB	200 LB	200 LB
GRAB TENSILE ELONGATION	ASTM D-4632	15%	10%	15%	15%	50%	50%
TRAPEZOIDAL TEAR STRENGTH	ASTM D-4533	75 LB	75 LB	10 LB	60 LB	80 LB	80 LB
PUNCTURE STRENGTH	ASTM D-6241	450LB		900LB		450LB	
APPARENT OPENING SIZE**	ASTM D-4751	U.S. SIEVE 30 (0.59 MM)		U.S. SIEVE 70 (0.21 MM)		U.S. SIEVE 70 (0.21 MM)	
PERMITTIVITY	ASTM D-4491	0.05 SEC^{-1}		0.28 SEC^{-1}		1.1 SEC^{-1}	
ULTRAVIOLET RESISTANCE RETAINED AT 500 HOURS	ASTM D-4355	70% STRENGTH		70% STRENGTH		70% STRENGTH	

* ALL NUMERIC VALUES EXCEPT APPARENT OPENING SIZE (AOS) REPRESENT MINIMUM AVERAGE ROLL VALUES (MARV). MARV IS CALCULATED AS THE TYPICAL MINUS TWO STANDARD DEVIATIONS. MD IS MACHINE DIRECTION; CD IS CROSS DIRECTION.
** VALUES FOR AOS REPRESENT THE AVERAGE MAXIMUM OPENING.

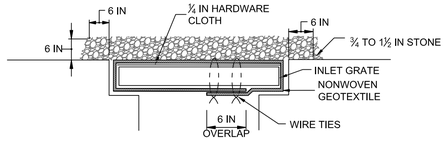
GEOTEXTILES MUST BE EVALUATED BY THE NATIONAL TRANSPORTATION PRODUCT EVALUATION PROGRAM (NTPEP) AND CONFORM TO THE VALUES IN THIS TABLE.

THE GEOTEXTILE MUST BE INERT TO COMMONLY ENCOUNTERED CHEMICALS AND HYDROCARBONS AND MUST BE ROT AND MILDEW RESISTANT. THE GEOTEXTILE MUST BE MANUFACTURED FROM FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS AND COMPOSED OF A MINIMUM OF 95 PERCENT BY WEIGHT OF POLYOLEFINS OR POLYESTERS, AND FORMED INTO A STABLE NETWORK SO THE FILAMENTS OR YARNS RETAIN THEIR DIMENSIONAL STABILITY RELATIVE TO EACH OTHER, INCLUDING SELVAGES.

WHEN MORE THAN ONE SECTION OF GEOTEXTILE IS NECESSARY OVERLAP THE SECTIONS BY AT LEAST ONE FOOT. THE GEOTEXTILE MUST BE PULLED TAUT OVER THE APPLIED SURFACE. EQUIPMENT MUST NOT RUN OVER EXPOSED FABRIC. WHEN PLACING RIPRAP ON GEOTEXTILE, DO NOT EXCEED A ONE FOOT DROP HEIGHT.



PLAN / CUT AWAY VIEW

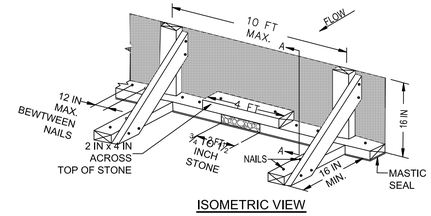


CROSS SECTION

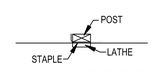
CONSTRUCTION SPECIFICATIONS

1. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN THIS SHEET.
2. LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE.
3. PLACE CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE.
4. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

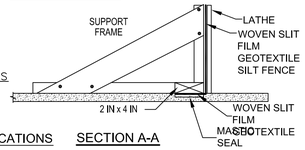
4 | 7 | 9 AT GRADE INLET PROTECTION
NOT TO SCALE



ISOMETRIC VIEW



JOINING ADJACENT SECTIONS
OF GEOTEXTILE



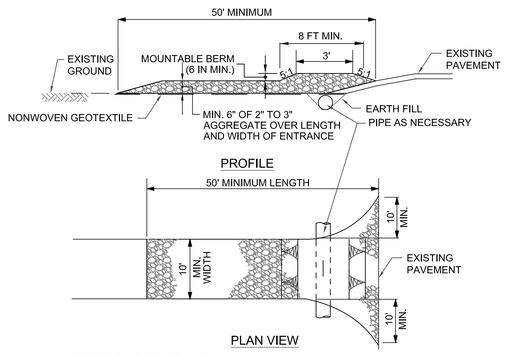
SECTION A–A

CONSTRUCTION SPECIFICATIONS

1. USE NOMINAL 2 INCH X 4 INCH LUMBER.
2. USE WOVEN SLIT FILM GEOTEXTILE, AS SPECIFIED IN THIS SHEET.
3. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS.
4. SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
5. PROVIDE A TWO FOOT OPENING BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE OPENING OVER GEOTEXTILE.
6. KEEP SILT FENCE TAUT AND SECURELY STAPLE TO THE UPSLOPE SIDE OF UPRIGHT SUPPORTS. EXTEND GEOTEXTILE UNDER 2x4.
7. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, FOLD, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. ATTACH LATHE.
8. PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND 2x4 TO PREVENT SEDIMENT-LADEN WATER FROM ESCAPING BENEATH SILT FENCE INSTALLATION.
9. SECURE BOARDS TO PAVEMENT WITH 40D 5 INCH MINIMUM LENGTH NAILS.
10. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STONE IF DISPLACED.

6 | 7 | 9 SILT FENCE ON PAVEMENT
NOT TO SCALE

2 | 7 | 9 SUPER SILT FENCE
NOT TO SCALE



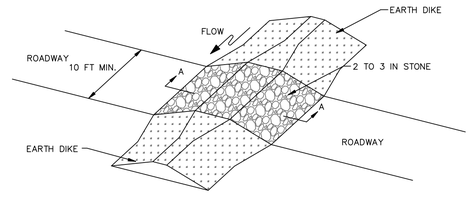
PLAN VIEW

CONSTRUCTION SPECIFICATIONS

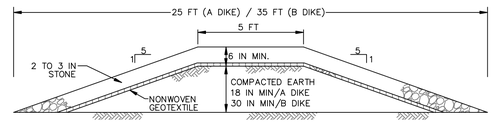
1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN THIS SHEET.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

5 | 1 | 5

3 | 7 | 9 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



ISOMETRIC VIEW



SECTION A–A

CONSTRUCTION SPECIFICATIONS

1. USE MINIMUM WIDTH OF 10 FEET TO ALLOW FOR VEHICULAR PASSAGE.
2. PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SHEET C–4, OVER THE EARTH MOUND PRIOR TO PLACING STONE.
3. PLACE 2 TO 3 INCH STONE OR EQUIVALENT RECYCLED CONCRETE AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE MOUNTABLE BERM.
4. MAINTAIN LINE, GRADE, AND CROSS SECTION. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN SPECIFIED DIMENSIONS. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE.

7 | 8 | 9 MOUNTABLE BERM
NOT TO SCALE

5 | 8 | 9 SUPER FENCE DIVERSION
NOT TO SCALE

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STATE OF MARYLAND — STEVEN A. VOLK — No. 22403 — PROFESSIONAL ENGINEER — 6/6/13

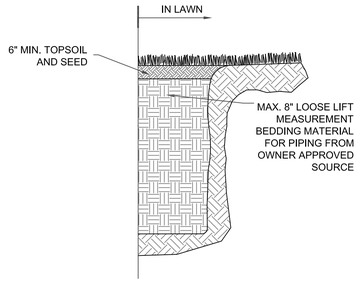
MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

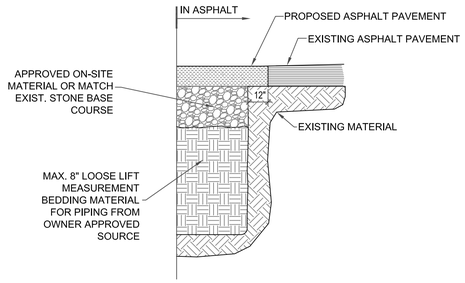
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	**C-9**

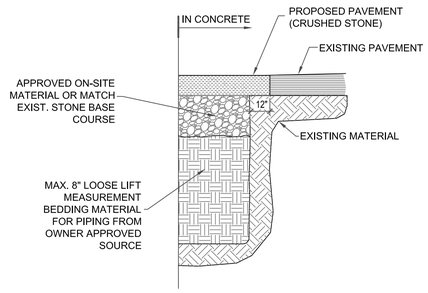
DETAILS I



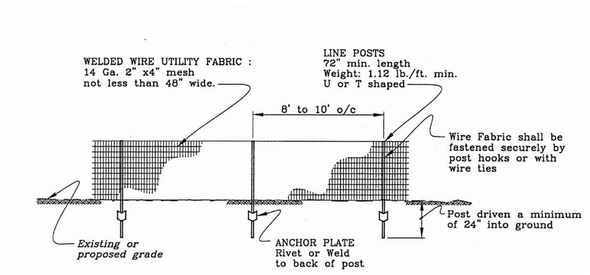
1 / 5 10 LAWN TRENCH RESTORATION DETAIL
NOT TO SCALE



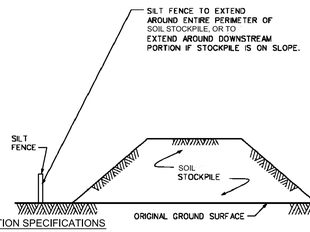
2 / 5 10 ASPHALT TRENCH RESTORATION DETAIL
NOT TO SCALE



3 / 5 10 CONCRETE TRENCH RESTORATION DETAIL
NOT TO SCALE



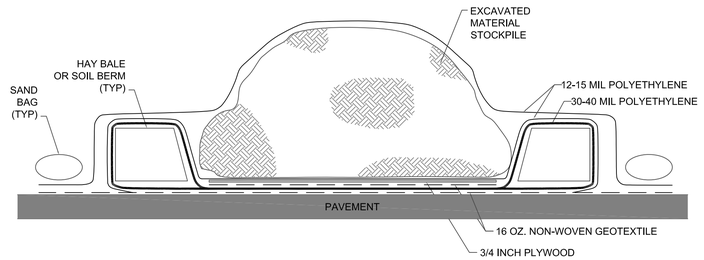
4 / 8 10 TEMPORARY SAFETY FENCE
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. STOCKPILE SIDE SLOPES ARE DETERMINED BY PILE HEIGHT AS FOLLOWS: LESS THAN 20 FEET = 2:1, 20FT UP TO 30 FEET = 3:1, GREATER THAN 40 FEET = 4:1. BENCHING MUST BE PROVIDED IF THE VERTICAL HEIGHT EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 SLOPES. STOCKPILE SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO.
2. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, MAY 2011, 3/7 DAY STABILIZATION REQUIREMENT AS WELL AS STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION.
3. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LINER TO FACILITATE CLEANUP SHALL BE INSTALLED BELOW THE STOCK PILE.
4. STOCKPILES CONTAINING CONTAMINATED MATERIAL SHALL BE COVERED WITH AN IMPERMEABLE MATERIAL.
5. ALL TEMPORARY STOCKPILES MUST CONFORM TO MDE 2011 STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

5 / 7 10 SOIL STOCKPILE
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. ALL EXCAVATED MATERIAL WILL BE COVERED IN INCLEMENT WEATHER, END OF WORKING DAY, OR WHEN NOT IN USE. MATERIAL WILL BE COVERED UNTIL REMOVED FROM SITE.
2. ALL EXCAVATED MATERIAL NOT DIRECTLY LOADED INTO TRUCKS WILL BE PLACED IN THE EXCAVATED MATERIALS STOCKPILE WITHIN THE LIMITS OF DISTURBANCE.

a. A CONTINUOUS 30-40 MIL POLYETHYLENE LINER SHALL COVER THE BOTTOM AREA OF THE EXCAVATED MATERIALS STOCKPILE. 3/4 INCH PLYWOOD WILL BE PLACED ABOVE THE POLYETHYLENE LINER. A 12-15 MIL POLYETHYLENE SHEET WILL BE USED TO COVER THE STOCKPILE.

b. AN 18 INCH HIGH SOIL BERM CONSTRUCTED WITH IMPORTED CLEAN SOIL, OR HAY BALE BARRIER, SHALL BE PLACED ON THE BOTTOM LINER AND THE LINER FOLDED OVER INTO THE STOCKPILE AREA TO PREVENT FLOW FROM INSIDE THE STOCKPILE AREA FROM EXITING THE STOCKPILE AREA.

c. IF THE BERM IS CONSTRUCTED WITH SOIL THE HEIGHT OF BERM WILL BE 18 INCHES WITH CREST WITH OF 1 FOOT AND 1.5H:1V SIDE SLOPES.

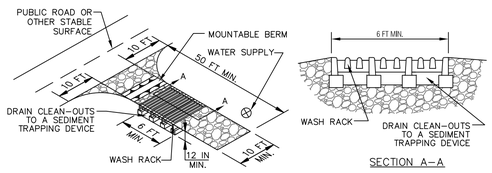
d. CAUTION SHOULD BE TAKEN NOT TO RIP OR TEAR THE BOTTOM LINER WHEN HANDLING OR REMOVING MATERIAL.

e. THE MATERIAL WILL BE PLACED ON THE LINER INSIDE THE EXCAVATED MATERIALS STOCKPILE AREA. STOCKPILE SLOPES WILL NOT BE STEEPER THAN 2:1. STOCKPILE WILL BE COVERED WITH A 12-15 MIL POLYETHYLENE TARP AND SECURED WITH SANDBAGS.

f. ALL EXCAVATED MATERIAL WILL BE REMOVED FROM THE SITE AS SOON AS POSSIBLE OR WITHIN 90 DAYS.

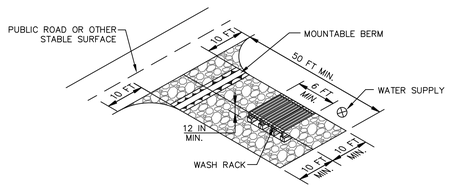
g. ALL EXCAVATED MATERIALS WILL BE DISPOSED OF ACCORDING TO EPA STANDARDS AND SPECIFICATIONS FOR CONTAMINATED OR PCB-CONTAMINATED MATERIALS, AS APPROPRIATE.

6 / 7 10 EXCAVATED MATERIAL SOIL STOCKPILE
NOT TO SCALE



ISOMETRIC VIEW – WASH RACK IN SCE

SECTION A–A

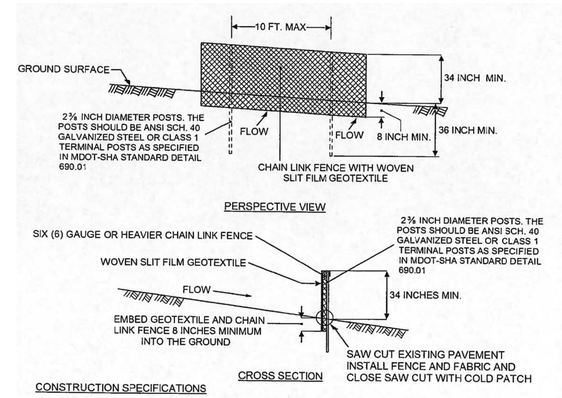


ISOMETRIC VIEW– WASH RACK ALONG SCE

CONSTRUCTION SPECIFICATIONS

1. USE A WASH RACK DESIGNED AND CONSTRUCTED/MANUFACTURED FOR THE ANTICIPATED TRAFFIC LOADS. CONCRETE, STEEL, OR OTHER MATERIALS ARE ACCEPTABLE. PRE-FABRICATED UNITS SUCH AS CATTLE GUARDS ARE ACCEPTABLE. USE MINIMUM DIMENSION OF 6 FEET x 10 FEET. ORIENT DIRECTION OF RIBS AS SHOWN ON THE DETAIL.
2. INSTALL PRIOR TO, ALONG SIDE OF, OR AS PART OF THE SCE.
3. DIRECT WASH WATER TO AN APPROVED SEDIMENT TRAPPING DEVICE.
4. KEEP AREA UNDER WASH RACK FREE OF ACCUMULATED SEDIMENT. IF DAMAGED, REPAIR OR REPLACE WASH RACK.

7 / - 10 WASH RACK OPTION
NOT TO SCALE



PERSPECTIVE VIEW

CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. INSTALL 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 6 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2⅜ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H -1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND. LAY THE GEOTEXTILE IN THE BOTTOM OF THE 24 INCH WIDE TRENCH.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BYPASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE UPHILL A MINIMUM OF 3 VERTICAL FEET TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
6. PROVIDE MANUFACTURERS CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H - 1 MATERIALS.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF THE FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

8 / - 10 SUPER SILT FENCE FOR PAVED AREA OPTION
NOT TO SCALE

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STATE OF MARYLAND — STEVEN A. RICE — No. 20053 — REGISTERED PROFESSIONAL ENGINEER — 6/6/13

MARK	DATE	DESCRIPTION	BY

SOIL REMEDIAL EXCAVATION
BLOCKS E AND G

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	05/29/2013
PROJECT NO.:	112IC04769
DESIGNED BY:	YL
DRAWN BY:	YL/RB
CHECKED BY:	SV
SHEET:	**C-10**

DETAILS II

MARYLAND AVIATION ADMINISTRATION SEEDING SPECIFICATIONS

REFERENCES TO ITEM #S NOTED BELOW ARE FOUND IN MARYLAND AVIATION ADMINISTRATION'S MANUAL ENTITLED SPECIFICATIONS FOR PERFORMING LANDSCAPING ACTIVITIES FOR THE MARYLAND AVIATION ADMINISTRATION DATED JANUARY 2008.

ITEM 903 SEEDING

DESCRIPTION

903–1.1 GENERAL. This item provides specifications for seeding of areas as designated on plans or as directed by the MAA Engineer. The species, mixtures, and methods of application provided in this item have been designed to reduce the attractiveness of airport grounds to wildlife. Only MAA–approved species, mixtures, and rates of application provided in this item may be used to establish vegetation. All activities associated with seeding including soil preparation, seed application, fertilization, and maintenance shall also conform to these approved standards.

MATERIALS

903–2.1 SEED. All seed shall comply with the Maryland Seed Law (Agricultural Article of the Annotated Code of Maryland). Only MAA–approved species, mixtures, and rates of application provided in this item may be used to establish vegetation. Seed will be sampled and tested by an inspector from the Turf and Seed Section, Maryland Department of Agriculture (MDA), Annapolis, Maryland. All lawn and turf seed and mixtures shall be free from the following state–listed restricted noxious weeds:

corn cockle (Agrostemma githago),
bentgrass (Agrostis spp.), [1]
redtop (Agrostis gigantea), [1]
wild onion (Allium canadense),
wild garlic (Allium vineale),
bindweed (Calstegia spp.),
dodder (Cuscuta spp.),
Bermuda grass (Cynodon dactylon),
orchardgrass (Dactylis glomerata), [1]
tall fescue (Festuca arundinacea),
meadow fescue (Festuca pratensis), [1]
velvetgrass (Holcus lanatus),
annual bluegrass (Poa annua),
rough bluegrass (Poa trivialis), [1]
timothy (Phleum pratense), and
Johnson grass (Sorgum halepense).

[1] THESE SPECIES MAY BE INCLUDED AS A LABELED COMPONENT OF A MIXTURE WHEN EACH IS PRESENT IN EXCESS OF FIVE PERCENT OF THE MIXTURE BY WEIGHT.

Restricted noxious–weed seed may not exceed 0.5 percent by weight of any seed mixture. In addition, all seeds sold in Maryland shall be free from the following listed prohibited noxious weeds: balloonvine (Cardiospermum halicacabum), quackgrass (Elytrigia repens), sicklepod (Senna obtusifolia), sorghum (Sorghum spp.), Canada thistle (Cirsium arvense), plumeless thistle (Carduus spp.–includes musk thistle and curled thistle), and serrated tussock (Nassella trichotoma).

903–2.1.1 APPROVED SPECIES. The following table contains species that are approved by MAA for use in seed mixtures. Purity requirements and germination requirements are also provided.

APPROVED PLANT SPECIES
MAA SEED MIXTURES

	PURITY [a] NOT LESS THAN %	MINIMUM % GERMINATION	PURE LIVE SEED FACTOR
CERTIFIED TURF–TYPE TALL FESCUE (Festuca arundinacea)	98	90	1.13
CERTIFIED KENTUCKY BLUE GRASS (Poa pratensis)	90	80	1.39
FOWL BLUEGRASS (Poa Palustris)	90	80	1.39
HARD FESCUE (Festuca longifolia)	98	90	1.13
CHEWING RED FESCUE (Festuca rubra commutata)	98	90	1.13
ANNUAL RYEGRASS. (Lolium multiflorum)	95	85	1.24
PERENNIAL RYEGRASS (Lolium perenne)	90	80	1.37
CREEPING BENTGRASS (Agrostis Stolonifera)	90	80	1.39
SWITCHGRASS (Panclum Virgatum)	90	80	1.39
LITTLE BLUESTEM (Andropogon scoparius)	62	94	1.71

[a] THE PERCENTAGE WEIGHT OF PURE SEED PRESENT SHALL BE FREE OF ANY AGRICULTURE SEEDS, INERT MATTER, AND OTHER SEEDS DISTINGUISHABLE BY THEIR PERCENTAGE.

[b] THE PERCENTAGE OF GERMINATION SHALL BE ACTUAL SPROUTS AND SHALL NOT INCLUDE HARD SEEDS UNLESS SOECIFICALLY PERMITTED BY THE MAA ENGINEER.

903–2.1.2 PURITY. All seed shall be free of all state–designated noxious weeds listed in Paragraph 2.1.1 and conform to MAA specifications. To ensure compliance, MAA requires sampling and testing of seed by the Turf and Seed Section, Maryland Department of Agriculture (MDA). The Contractor shall furnish the MAA Engineer with duplicate signed copies of a statement by the Turf and Seed Section certifying that each lot of seed has been laboratory tested within six months of date of delivery. This statement shall include the following information:

– name and address of laboratory,
– date of test,
– lot number,
– the results of tests as to name, percentages of purity and of germination,
– percentage of weed content for the seed furnished,
– and, in the case of a mixture, the proportions of each kind of seed.

Seed shall be furnished in standard containers with the seed name, lot number, net weight, percentages of purity, germination rate and hard seed, and percentage of maximum weed seed content clearly marked. All seed containers shall be tagged with a MDA supervised mix program seed tag.

903–2.1.3 MIXTURES AND APPLICATION RATES. Only seed mixtures and application rates described in this item may be used unless otherwise approved by the MAA Engineer. Seed mixtures shall meet criteria detailed in Paragraph 903–2.1.2. Seed mixtures have been formulated to minimize the attractiveness of areas to wildlife of common landscape scenarios. The appropriate seed mixture for application will be designated based on environmental conditions and may vary from site to site. All planting rates listed are in pounds of Pure Live Seed (PLS) per acre.

Seed mixtures, application scenarios, and rates for permanent cool–season grasses are as follows:

a. Seed Mixture No. 1 – relatively flat areas (grade less than 4:1) subject to normal conditions and regular mowing (Application rate = 234 lbs PLS/acre);
b. Seed Mixture No. 2 – sloped areas (grade greater than 4:1) not subject to regular mowing (Application rate = 115 lbs PLS/acre); and
c. Seed Mixture No. 3 – wetlands and their associated buffer zones (Application rate = 131 lbs PLS/acre).

Seed Mixture No. 1: Relatively flat areas regularly mowed and exposed to normal conditions (Application rate = 234 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
85%	Certified Turf–Type Tall Fescue	192
10%	Certified Kentucky Bluegrass	28
5%	Perennial Ryegrass	14
Supplemental Seed		
Annual Ryegrass		25

Seed Mixture No. 2: Sloped areas not subject to regular mowing (Application rate = 115 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
75%	Hard Fescue	85
20%	Chewings Fescue	23
5%	Kentucky Bluegrass	7
Supplemental Seed		
Redtop		3

Seed Mixture No. 3 : Wetland areas and their associated buffer zones (Application rate = 131 lbs PLS/acre)

Seed		Rate of Application (lbs of PLS/acre)
60%	Creeping Bentgrass	83
30%	Fowl Bluegrass	34
10%	Switchgrass	14
Supplemental Seed		
Redtop		3

903–2.1.4 SEEDING SEASONS. Application of seed and seed mixtures shall occur within a specified seeding season unless otherwise approved by the MAA Engineer. No seed or seed mixtures are to be applied on frozen ground or when the temperature is at or below 35 degrees Farenheit (7.2 degrees Centigrade). Under these conditions, a layer of mulch should be applied in accordance with Item 905, Mulching, to stabilize the site, and permanent seeding should occur in the subsequent seeding season. Seed application may occur during the seeding season dates listed below. Seeding performed after October 20 should be a temporary cover of annual ryegrass and followed by overseeding of the appropriate seed mixture during the spring seeding season.

SEEDING SEASONS

PERMANENT COOL–SEASON GRASSES	MARCH 1 TO APRIL 20 AND AUGUST 1 TO OCTOBER 20, INCLUSIVE.
TEMPORARY COVER OF ANNUAL RYE/REDTOP	MARCH 1 TO APRIL 30 AND AUGUST 1 TO NOVEMBER 30, INCLUSIVE.
TEMPORARY COVER OF WARM–SEASON GRASSES (LITTLE BLUESTEM ONLY)	MAY 1 TO JULY 31, INCLUSIVE. RATE OF APPLICATION SHOULD BE 13.6 LBS. PLS PER ACRE.

Seeding seasons are based on typical years and can be subject to variation, which may be modified by the MAA Engineer based on seasonal trends.

If the time required to complete any of the operations necessary under this item, within the specified planting season or any authorized extensions thereof, extends beyond the Contract period, then such time will be charged against the Contract time, and liquidated damages will be enforced with respect to this portion of work.

903–2.2 LIME. Lime shall consist of ground limestone and contain at least 85 percent total carbonates. Lime shall be ground to a fineness so that at least 90 percent will pass through a No. 20 mesh sieve and 50 percent will pass through a No. 100 mesh sieve. Dolomitic lime or a high magnesium lime shall contain at least 10 percent magnesium oxide. Lime shall be applied by approved methods detailed in Section 903–3.3 of this item. The rate of application will be based on results of soil tests.

903–2.3 FERTILIZER. Fertilizer shall be standard commercial fertilizer (supplied separately or in mixtures) and meet the requirements of applicable state and federal laws (O–F–241) as well as standards of the Association of Official Agricultural Chemists. Nitrogen–Phosphorus–Potassium (N–P–K) concentrations shall be determined from analysis of soil samples. Methods of fertilizer application shall conform to standards described in Section 903–3.3 of this item. Fertilizer shall be furnished in standard containers that are clearly labeled with name, weight, and guaranteed analysis of the contents (percentage of total nitrogen, available phosphoric acid, and water–soluble potash). Mixed fertilizers shall not contain any hydrated lime or cyanamide compounds. Fertilizers failing to meet the specified analysis may be approved by the MAA Engineer, providing sufficient materials are applied to conform with the specified nutrients per unit of measure without additional cost to MAA.

The fertilizers may be supplied in the following forms:

a. A dry, free–flowing fertilizer suitable for application by a common fertilizer spreader;

b. A finely ground fertilizer soluble in water, suitable for application by power sprayers; or

c. A granular or pellet form suitable for application by blower equipment.

The rate of application will be based on results of soil tests performed by the University of Maryland Soil Testing Laboratory. By law, persons applying fertilizer to State–owned land shall follow the recommendations of the University of Maryland as set forth in the "Plant Nutrient Recommendations Based on Soil Tests for Turf Maintenance" and the "Plant Nutrient Recommendations Based on Soil Tests for Sod Production". Application of the fertilizer shall be in a manner that is consistent with the recommendations of the University of Maryland Cooperative Extension.

CONSTRUCTION METHODS AND EQUIPMENT

903–3.1 GENERAL. This section provides approved methods for the application of and includes standards for seedbed preparation, methods of application, and equipment to be used during the process. Lime and fertilizer shall be applied to seeded areas before the seed is spread. The mixture of seed will be determined for sites based on environmental conditions as described in Paragraph 903–2.1.3.

903–3.2 ADVANCE PREPARATION. Areas designated for seeding shall be properly prepared in advance of seed application. The area shall be tilled and graded prior to application of lime and fertilizer, and the surface area shall be cleared of any stones larger than 1 inch in diameter, sticks, stumps, and other debris that might interfere with sowing of seed, growth of grasses, or subsequent maintenance of grass–covered areas. Damage caused by erosion or other forces that occur after the completion of grading shall be repaired prior to the application of fertilizer and lime. The Contractor will repair such damage, which may include filling gullies, smoothing irregularities, and repairing other incidental damage before beginning the application of fertilizer and ground limestone.

If an area to be seeded is sparsely sodded, weedy, barren and unworked, or packed and hard, all grass and weeds shall first be cut or otherwise satisfactorily disposed of, and the soil then scarified or otherwise loosened to a depth not less than 5 inches (125 mm). Clods shall be broken and the top 3 inches (75 mm) of soil shall be worked into a satisfactory condition by discing or by use of cultipackers, rollers, drags, harrows, or other appropriate means.

An area to be seeded shall be considered a satisfactory seedbed (without requiring additional treatment) if it has recently been thoroughly loosened and worked to a depth of not less than 5 inches; the top 3 inches of soil is loose, friable, and is reasonably free from large clods, rocks, large roots, or other undesirable matter; appropriate amounts of fertilizer and lime have been added; and, if it has been shaped to the required grade immediately prior to seeding. For slope areas steeper than 3:1 (three horizontal to one vertical), the subsoil shall be loose to a depth of 1 inch.

After completion of tilling and grading, lime and fertilizer shall be applied within 48 hours according to the specified rate (Paragraphs 903–2.2 and 2.3) and methods (Paragraphs 903–3.3.1 and 903–3.3.2) approved by MAA. The seeding mixture shall be applied within 48 hours after application of lime and fertilizer. To firm the seeded areas, cultipacking shall occur immediately after seeding.

903–3.3 METHODS OF APPLICATION. Lime, fertilizer, and seed mixes shall be applied by either the dry or wet application methods that have been approved by MAA and are detailed below.

903–3.3.1 DRY APPLICATION METHOD

a. Liming. If soil test results indicate that lime is needed, the following procedures will be used: following advance preparation of the seedbed, lime shall be applied prior to the application of any fertilizer or seed and only on seedbeds that have been prepared as described in paragraph 903–3.2. The lime shall be uniformly spread and worked into the top 2 inches of soil, after which the seedbed shall be properly graded again.

b. Fertilizing. Following advance preparations (and liming if necessary), fertilizer shall be spread uniformly at the specified rate to provide no less than the minimum quantity stated in Paragraph 903–2.3.

c. Seeding. Seed mixtures shall be sown immediately after fertilization of the seedbed. The fertilizer and seed shall be lightly raked to a depth of 1 inch for newly graded and disturbed areas.

d. Rolling. After the seed has been properly covered, the seedbed shall be immediately compacted using a cultipacker or an approved lawnroller.

903–3.3.2 WET APPLICATION METHOD/HYDROSEEDING

A. GENERAL. THE CONTRACTOR MAY ELECT TO APPLY SEED AND FERTILIZER AS PER PARAGRAPHS C AND D OF THIS SECTION IN THE FORM OF AN AQUEOUS MIXTURE BY SPRAYING OVER THE PREVIOUSLY PREPARED SEEDBED USING METHODS AND EQUIPMENT APPROVED BY MAA. THE RATES OF APPLICATION SHALL BE AS SPECIFIED IN PARAGRAPHS 903–2.1 THROUGH 903–2.3.

B. SPRAYING EQUIPMENT. THE SPRAYING EQUIPMENT SHALL HAVE A CONTAINER OR WATER TANK EQUIPPED WITH A LIQUID LEVEL GAUGE CAPABLE OF READING INCREMENTS OF 50 GALLONS OR LESS OVER THE ENTIRE RANGE OF THE TANK CAPACITY. THE LIQUID LEVEL GAUGE SHALL BE MOUNTED SO AS TO BE VISIBLE TO THE NOZZLE OPERATOR AT ALL TIMES. THE CONTAINER OR TANK SHALL ALSO BE EQUIPPED WITH A MECHANICAL POWER–DRIVEN AGITATOR CAPABLE OF KEEPING ALL THE SOLIDS IN THE MIXTURE IN COMPLETE SUSPENSION AT ALL TIMES UNTIL USED.

THE SPRAYING EQUIPMENT SHALL ALSO INCLUDE A PRESSURE PUMP CAPABLE OF DELIVERING 100 GALLONS PER MINUTE AT A PRESSURE OF 100 POUNDS PER SQUARE INCH. THE PRESSURE PUMP ASSEMBLAGE SHALL BE CONFIGURED TO ALLOW THE MIXTURE TO FLOW THROUGH THE TANK WHEN NOT BEING SPRAYED FROM THE NOZZLE. ALL PUMP PASSAGES AND PIPELINES SHALL BE CAPABLE OF PROVIDING CLEARANCE FOR 5/8–INCH SOLIDS. THE POWER UNIT FOR THE PUMP AND AGITATOR SHALL HAVE CONTROLS MOUNTED SO AS TO BE ACCESSIBLE TO THE NOZZLE OPERATOR. A PRESSURE GAUGE SHALL BE CONNECTED TO AND MOUNTED IMMEDIATELY BEHIND THE NOZZLE.

THE NOZZLE PIPE SHALL BE MOUNTED ON AN ELEVATED SUPPORTING STAND IN SUCH A MANNER THAT IT CAN BE ROTATED THROUGH 360 DEGREES HORIZONTALLY AND INCLINED VERTICALLY FROM AT LEAST 20 DEGREES BELOW TO AT LEAST 60 DEGREES ABOVE THE HORIZONTAL. THERE SHALL BE A QUICK–ACTING, THREE–WAY CONTROL VALVE CONNECTING THE RECIRCULATING LINE TO THE NOZZLE PIPE AND MOUNTED SO THAT THE NOZZLE OPERATOR CAN CONTROL AND REGULATE THE AMOUNT OF FLOW OF MIXTURE TO BE SUPPLIED SO THAT MIXTURES MAY BE PROPERLY SPRAYED OVER A DISTANCE VARYING FROM 20 FEET TO 100 FEET. ONE SHALL BE A CLOSE–RANGE RIBBON NOZZLE, ONE A MEDIUM–RANGE RIBBON NOZZLE, AND ONE A LONG–RANGE JET NOZZLE. FOR EASE OF REMOVAL AND CLEANING, ALL NOZZLES SHALL BE CONNECTED TO THE NOZZLE PIPE BY MEANS OF QUICK–RELEASE COUPLINGS. IN ORDER TO REACH AREAS INACCESSIBLE TO THE REGULAR EQUIPMENT, AN EXTENSION HOSE AT LEAST 50 FEET IN LENGTH SHALL BE PROVIDED TO WHICH THE NOZZLES MAY BE CONNECTED.

C. MIXTURES. LIME SHALL BE APPLIED SEPARATELY IN THE QUANTITY SPECIFIED, PRIOR TO THE FERTILIZING AND SEEDING OPERATIONS. LIME SHOULD BE ADDED TO AND MIXED WITH WATER AT A CONCENTRATION NOT TO EXCEED 220 POUNDS OF LIME FOR EVERY 100 GALLONS OF WATER. AFTER LIME HAS BEEN APPLIED, THE TANK SHOULD BE EMPTIED AND RINSED WITH FRESH WATER. SEED AND FERTILIZER SHALL BE MIXED TOGETHER IN THE RELATIVE PROPORTIONS SPECIFIED, BUT THE RESULTING CONCENTRATION SHOULD NOT EXCEED 220 POUNDS OF MIXTURE PER 100 GALLONS OF WATER AND SHOULD BE APPLIED WITHIN 30 MINUTES TO PREVENT FERTILIZER BURN OF THE SEEDS.

ALL WATER USED SHALL BE OBTAINED FROM FRESH WATER SOURCES AND SHALL BE FREE FROM INJURIOUS CHEMICALS AND OTHER TOXIC SUBSTANCES HARMFUL TO PLANT LIFE. BRACKISH WATER SHALL NOT BE USED AT ANY TIME. THE CONTRACTOR SHALL IDENTIFY ALL SOURCES OF WATER TO THE MAA ENGINEER AT LEAST TWO WEEKS PRIOR TO USE. THE ENGINEER MAY TAKE SAMPLES OF THE WATER AT THE SOURCE OR FROM THE TANK AT ANY TIME AND HAVE A LABORATORY TEST THE SAMPLES FOR CHEMICAL AND SALINE CONTENT. THE CONTRACTOR SHALL NOT USE ANY WATER FROM ANY SOURCE THAT IS DISAPPROVED BY THE ENGINEER FOLLOWING SUCH TESTS.

ALL MIXTURES SHALL BE CONSTANTLY AGITATED FROM THE TIME THEY ARE MIXED UNTIL THEY ARE FINALLY APPLIED TO THE SEEDBED. ALL SUCH MIXTURES SHALL BE USED WITHIN 30 MINUTES FROM THE TIME THEY WERE MIXED OR THEY SHALL BE WASTED AND DISPOSED OF AT A LOCATION ACCEPTABLE TO THE ENGINEER.

D. SPRAYING. LIME SHALL BE SPRAYED UPON PREVIOUSLY PREPARED SEEDBEDS ON WHICH THE LIME, IF REQUIRED, SHALL HAVE BEEN WORKED IN ALREADY. THE MIXTURES SHALL BE APPLIED USING A HIGH–PRESSURE SPRAY WHICH SHALL ALWAYS BE DIRECTED UPWARD INTO THE AIR SO THAT THE MIXTURES WILL FALL TO THE GROUND IN A UNIFORM SPRAY. NOZZLES OR SPRAYS SHALL NEVER BE DIRECTED TOWARD THE GROUND IN SUCH A MANNER THAT MIGHT PRODUCE EROSION OR RUNOFF. PARTICULAR CARE SHALL BE EXERCISED TO ENSURE THAT THE APPLICATION IS MADE UNIFORMLY, AT THE PRESCRIBED RATE, AND TO GUARD AGAINST MISSES AND OVERLAPPED AREAS. PREDETERMINED QUANTITIES OF THE MIXTURE SHALL BE USED IN ACCORDANCE WITH SPECIFICATIONS TO COVER SPECIFIED SECTIONS OF KNOWN AREAS. TO CHECKS THE RATE AND UNIFORMITY OF APPLICATION, THE APPLICATOR WILL OBSERVE THE DEGREE OF WETTING OF THE GROUND OR DISTRIBUTE TEST SHEETS OF PAPER OR PANS OVER THE AREA AT INTERVALS AND OBSERVE THE QUANTITY OF MATERIAL DEPOSITED THEREON.

ON SURFACES THAT ARE TO BE MULCHED AS INDICATED BY THE PLANS OR DESIGNATED BY THE MAA ENGINEER, SEED AND FERTILIZER APPLIED BY THE SPRAY METHOD NEED NOT BE RAKED INTO THE SOIL OR ROLLED. HOWEVER, ON SURFACES ON WHICH MULCH IS NOT TO BE USED, THE RAKING AND ROLLING OPERATIONS WILL BE REQUIRED AFTER THE SOIL HAS DRIED.

903–3.4 MAINTENANCE OF SEEDED AREAS. THE CONTRACTOR SHALL PROTECT SEEDED AREAS AGAINST TRAFFIC OR OTHER USE BY WARNING SIGNS OR BARRICADES, AS APPROVED BY THE ENGINEER. SURFACES GULLIED OR OTHERWISE DAMAGED FOLLOWING SEEDING SHALL BE REPAIRED BY REGRADING AND RESEEDING AS DIRECTED. THE CONTRACTOR SHALL MOW, WATER AS DIRECTED, AND OTHERWISE MAINTAIN SEEDED AREAS IN A SATISFACTORY CONDITION UNTIL FINAL INSPECTION AND ACCEPTANCE OF THE WORK.

WHEN EITHER THE DRY OR WET APPLICATION METHOD OUTLINED ABOVE IS USED FOR WORK PERFORMED OUT OF SEASON, THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN OTHERWISE COMPLETED IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF THE COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, PAYMENT FOR THE UNACCEPTED PORTIONS OF THE AREAS SEEDED OUT OF SEASON WILL BE WITHHELD UNTIL SUCH TIME AS THESE REQUIREMENTS HAVE BEEN MET.

ITEM 904 SODDING

DESCRIPTION

904–1 This item provides standards for furnishing, hauling, and placing approved live sod on prepared areas as indicated on site plans. Sod will only be applied to landscape areas and shall be mowed frequently. All sodding activities shall conform to these specifications at the locations shown on site plans or as directed by the MAA Engineer.

MATERIALS

904–2.1 SOD. Sod furnished by the Contractor shall have a good cover of living or growing grass. This includes grass that is seasonally dormant during the cold or dry seasons and capable of renewing growth after the dormant period. All sod shall be obtained from areas in which the soil is reasonably fertile and contains a high percentage of loamy topsoil. Sod shall be cut or stripped from living, thickly matted turf relatively free of weeds or other undesirable foreign plants, large stones, roots, or other materials that might be detrimental to the development of the sod or to future maintenance. Grass sod shall be Maryland–certified or approved and shall comply with the Maryland Sod Law of the Annotated Code of Maryland (Agricultural Article Sections 9–101 through 9–110). Each load of sod shall bear a Maryland State Approved or Certified label at the time of delivery on the job. Sod shall be either: (1) Bluegrass sod containing not less than 80 percent Kentucky bluegrass (Poa pratensis) and not more than 20 percent Red Fescue (Festuca rubra); or (2) certified turf type–tall fescue (Festuca arundinacea) sod containing not less than 80 percent certified turf type–tall fescue (Festuca arundinacea) grass and not more than 20 percent Kentucky Bluegrass (Poa pratensis) and Red Fescue (Festuca rubra). Any vegetation more than 6 inches in height shall be mowed to a height of 3 inches or less before sod is lifted. Sod, including the soil containing the roots and the emergent plant growth, shall be cut uniformly to a thickness not less than that specified in Section 904–3.4.

904–2.2 LIME. Lime shall conform to standards described in Section 903, 'Seeding.'

904–2.3 FERTILIZER. Fertilizers and application methods shall conform to the standards previously described in Section 903, 'Seeding.'

904–2.4 WATER. All water shall conform to the standards previously described in Paragraph 902–2.4, 'Water.'

904–2.5 SOILS FOR REPAIR. All soils for repairs shall conform to the standards previously described in Paragraph 901–2.3, 'Soils for Repair.'

CONSTRUCTION REQUIREMENTS

904–3.1 GENERAL. Areas to be sodded shall be clearly indicated by site plans. Areas requiring special ground surface preparation, such as tilling, and those areas in a satisfactory condition that are to remain undisturbed shall also be shown on the plans.

Suitable equipment necessary for proper preparation of the ground surface and for the handling and placing of all required materials shall be on hand, in good condition, and shall be approved by the MAA Engineer before sodding operations begin. The Contractor shall demonstrate to the MAA Engineer, before starting the various operations, that the application of required materials, such as fertilizer and limestone, will be made at the specified rates.

904–3.2 ADVANCE PREPARATION. If the area to be sodded is sparsely vegetated, weedy, barren and unworked, or packed and hard, all existing herbaceous vegetation shall be removed. The soil shall then be scarified or otherwise loosened to a depth of at least 5 inches (125 mm). Clods shall be pulverized, and the top 3 inches (75 mm) of soil shall be worked into a satisfactory bed by discing or use of cultipackers, rollers, drags, harrows, or other equipment approved by the MAA Engineer. The area shall then be properly graded as indicated by site plans.

After grading of areas is complete and prior to the application of fertilizer and limestone, areas to be sodded shall be raked or otherwise cleared of stones larger than 1 inch in diameter, sticks, stumps, and other debris which might interfere with sodding, growth of grasses, or subsequent maintenance of grass–covered areas. If any damage by erosion or other causes has occurred after grading of areas and before beginning the application of fertilizer and ground limestone, the Contractor shall repair such damage. This may include filling gullies, smoothing irregularities, and repairing other incidental damage.

An area to be sodded will be considered a satisfactory seedbed without requiring additional treatment if it recently has been thoroughly loosened and worked to a depth of at least 5 inches as a result of grading operations and, if immediately prior to sodding, the top 3 inches of soil is loose, friable, reasonably free from large clods, rocks, large roots, or other undesirable matter, and is sloped to the required grade. For slope areas steeper than 3:1 (three horizontal to one vertical) the subsoil shall be loosened to a depth of 1 inch. Lime and fertilizer shall be applied within 48 hours after tilling as described in 903–3.3 and 3.4. The sod shall be applied immediately after the lime and fertilizer have been worked into the soil.

904–3.3 APPLICATION OF FERTILIZER AND LIME. Following ground surface preparation, fertilizer shall be uniformly spread as described in Section 903–3.3 at a rate that will provide at least the minimum quantity of fertilizer required. If the use of ground limestone is specified, it shall be spread as described in Section 903–3.3, 'Methods of Application'; at a rate that will provide at least the minimum quantity of lime required. These materials shall be incorporated into the soil to a depth of at least 2 inches by discing, raking, or other methods approved by the MAA Engineer. Any stones larger than 1 inch in diameter, large clods, roots, and other litter brought to the surface by this operation shall be removed.

904–3.4 OBTAINING AND DELIVERING SOD. The sod shall be well rooted, grown in the State of Maryland, and field grown for a minimum of 12 months. After inspection and approval of the sod by the MAA Engineer, the sod shall be cut with approved sod cutters to such a thickness that after placement on the prepared bed, but before compaction, it shall have a uniform attached soil thickness of at least 0.75 inch. Sod sections or strips shall be cut in uniform widths of at least 14 inches and in lengths of at least 18 inches, but not to lengths that might inhibit placement without breaking, tearing, or loss of soil. Where strips are required, the sod shall be rolled or folded undamaged, with the grass facing inward. The Contractor may be required to mow high grass before cutting sod.

Sod shall be transplanted within 24 hours from the time of harvest unless circumstances beyond the Contractor's control make storage necessary. In such cases, sod shall be stacked, kept moist, protected from exposure to the air and sun, and shall be kept from freezing. Sod shall only be harvested and moved when soil moisture conditions are such that favorable results can be expected. Where soil is too dry, permission to cut sod may be granted only after it has been sufficiently watered to moisten the soil to the depth at which the sod will be cut.

904–3.5 PLACING SOD. Sodding shall only be performed during seasons when satisfactory results can be expected. Frozen sod shall not be used and sod shall not be placed upon frozen soil. Sod may be transplanted during periods of drought with the approval of the MAA Engineer, provided the sod bed is watered to moisten the soil to a depth of at least 4 inches immediately prior to laying the sod.

The sod shall be moist and shall be placed on a bed, prepared according to Paragraphs 904–3.2 'Advance Preparation', and 904–3.3, 'Application of Fertilizer and Lime' by hand. Pitchforks shall not be used to handle sod, and dumping from vehicles shall not be permitted. The sod shall be placed carefully by hand, edge to edge and with staggered joints, in rows at right angles to the slopes, starting at the base of the area to be sodded and working upward. The sod shall immediately be pressed firmly into contact with the sod bed by tamping or rolling with approved equipment to provide a true and even surface, and ensure knitting without displacement of the sod or deformation of the surfaces of sodded areas. Where the sod has been displaced during sodding operations, the workmen replacing it shall work from ladders or treaded planks to prevent further displacement. Where the grades are such that the flow of water will be from paved surfaces across sodded areas, the surface of the soil in the sod after compaction shall be set approximately 1.5 inches below the pavement edge. Where the flow will be over the sodded areas and onto the paved surfaces around manholes and inlets, the surface of the soil in the sod after compaction shall be placed flush with pavement edges.

On slopes steeper than 1:2.5 and in V–shaped or flat–bottom ditches or gutters, the sod shall be secured with wooden pegs at least 18 inches long and a cross–sectional area of at least 0.75–square inch, or by other methods of securing sod approved by the MAA Engineer. The pegs shall be driven flush with the surface of the sod. The pegs shall be of sufficient number and at adequate spacing to secure sod from displacement. The use of sod staples or other means of securing the sod from displacement may be approved by the MAA Engineer provided satisfactory results are expected.

904–3.6 WATERING. Adequate water and watering equipment shall be on hand before sodding begins, and sod shall be kept moist until it has become established and its continued growth assured. In all cases, watering shall be done in a manner that will avoid erosion from the application of excessive quantities and will avoid damage to the finished surface.

904–3.7 ESTABLISHING TURF.

904–3.7.1 GENERAL. The Contractor shall provide general care for the sodded areas as soon as the sod has been laid and shall continue to provide such care until final inspection and acceptance of the work.

904–3.7.2 PROTECTION. All sodded areas shall be protected against traffic or other use by warning signs and barricades approved by the MAA Engineer.

904–3.7.3 MOWING. The Contractor shall mow the sodded areas with approved mowing equipment, depending upon climatic and growth conditions and the needs for mowing of specific areas. In the event that weeds or other undesirable vegetation establishes to such an extent that, either cut or uncut, they threaten to smother the sodded species, the weeds shall be mowed and the clippings raked and removed from the area. Spot applications of an appropriate herbicide by a licensed applicator shall be approved by the MAA Engineer to remove invasive species. The appropriate herbicide shall be determined on a case–by–case basis, depending on the location and type of weed.

904–3.7.4 REPAIR. When the surface has become gullied or otherwise damaged during the period covered by this contract, the affected areas shall be repaired to re–establish the grade and the condition of the soil and shall then be re–sodded as specified in Paragraph 904–3.5, 'Placing Sod', at the Contractor's expense.

ITEM 905 MULCHING

DESCRIPTION

905–1.1 GENERAL. This item provides the Contractor with MAA–approved specifications for mulch and the application of mulch including distribution of mulch and securing of mulched areas. Areas to be mulched will be clearly shown on site plans or otherwise designated by the MAA Engineer.

MATERIALS

905–2.1 TYPES OF MULCH. Acceptable mulch shall be composed of the materials listed below or composed of any locally available materials that are similar to those specified and approved by the MAA Engineer. Low–grade, shalely, soiled, partially rotted hay, straw, or other materials unfit for animal consumption will not be acceptable for use as mulch. Straw or other material that is fresh, excessively brittle, or is in such an advanced stage of decomposition as to smother or retard the planted grass, is not acceptable. Clean, weed–free straw may be used. Mulch materials containing matured seed with the potential to establish and be detrimental to the project or the surrounding area is not acceptable.

a. Shredded Hardwood Bark. Shredded hardwood bark shall consist of hardwood tree bark that has been milled and screened to ensure a maximum 4–inch (100–mm) particle size, provide a uniform texture, and be free from sawdust, toxic substances, and other foreign materials.

b. Wood Chips. Wood chips shall be produced by a chipping machine to a size specified by the MAA Engineer. Chips may not have been subjected to any conditions that would shorten their useful life or cause them to lose any of their value as mulch. Wood chips shall be free from bark, leaves, twigs, wood shavings, sawdust, toxic substances, and other foreign material.

c. Wood Cellulose Fiber. Wood cellulose fiber shall consist of a processed wood product with uniform fiber characteristics. The fiber shall be capable of remaining in a uniform suspension under agitation in water and blending with seed, fertilizer, and other additives to form a homogeneous slurry. The fiber shall perform satisfactorily in hydraulic seeding equipment without clogging or damaging the system. The slurry shall contain a green dye to provide easy visual inspection for uniformity of application.

Certification showing that the fiber material conforms to the following specifications shall be provided by the manufacturer:

Wood Cellulose Fiber Requirements	
Particle Length, in. (mm)	Approximately 1/2 (13)
Particle Thickness, in. (mm)	Approximately 1/16 (1.5)
Net dry Weight Content	Minimum as stated on bag
TAPPI* T 509, pH	4.0 to 8.5
Ash Content, TAPPI* Standard T 413, % max	7.0
Water Holding Capacity, % min	90

*Technical Association of Pulp and Paper Industry

The material shall be delivered in packages of uniform net weight of 75 lbs (34 kg) or less and shall be clearly labeled with the name of the manufacturer, net weight, and a supplemental statement of the net weight content.

905–2.2 INSPECTION. Within five days after acceptance of the bid, the Contractor shall provide representative samples of mulch material to be used to the MAA Engineer and identify the source of the material and quantities of mulch materials available. The samples provided may be used as standards with the approval of the MAA Engineer and any materials brought on the site that do not meet these standards may be rejected.

CONSTRUCTION REQUIREMENTS

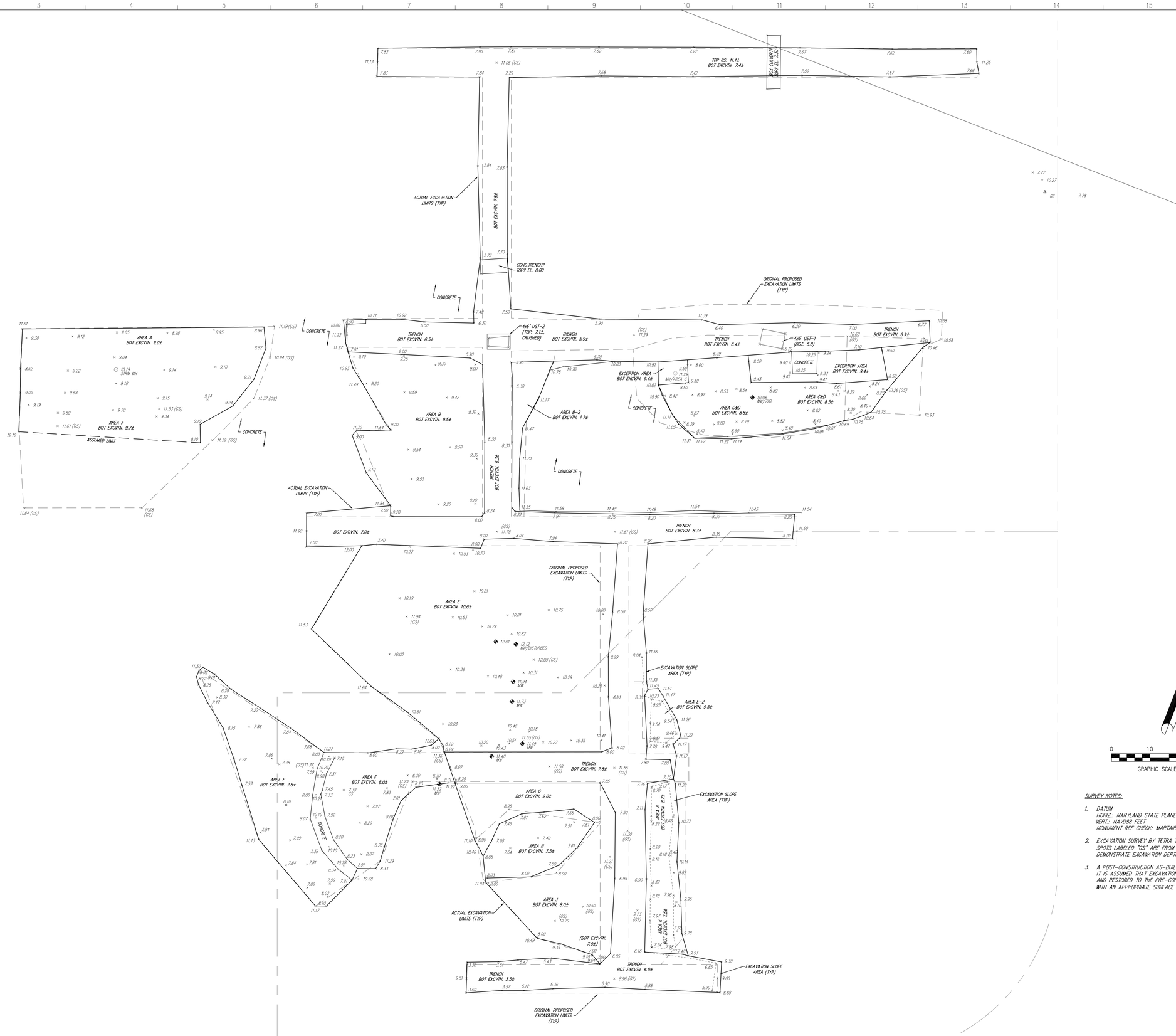
905–3.1 ADVANCE PREPARATION. Before spreading mulch, all large clods, stumps, stones, brush, roots, and other foreign material shall be removed from the area to be mulched. Mulch shall be applied immediately after seeding unless otherwise specified. The application and spreading of mulch may be by hand methods, blower, or other mechanical methods, provided a uniform covering is obtained.

905–3.2 APPLICATION OF MULCH. The Contractor shall evenly apply mulch materials to areas indicated by site plans or otherwise designated by the MAA Engineer. Cellulose–fiber or wood–pulp mulch shall be applied at the rate of 1,500 pounds (dry weight) per acre. Mulch may be blown on the slopes and use of cutters in the equipment for this purpose will be permitted to the extent that at least 95 percent of the mulch in place on the slope is 6 inches or more in length. When mulch applied by the blowing methods is cut, the loose depth in place shall be 1 to 2 inches. Cellulose fiber or wood–pulp mulch shall be applied as an aqueous mixture by spraying at the rate of 1,500 pounds (dry weight) per acre using spraying equipment approved by the MAA Engineer.

905–3.3 SECURING MULCH. Mulch shall be held in place by light discing, a thin coating of topsoil, pins, stakes, wire mesh, or other methods approved by the MAA Engineer. If the 'peg and string' method is used, the mulch shall be secured with stakes or wire pins driven into the ground on 5–foot centers or less. Binder twine shall be strung between adjacent stakes in straight lines and crossed diagonally over the mulch. The stakes shall be firmly driven nearly flush to the ground to draw the twine down tightly onto the mulch.

905–3.4 MAINTENANCE OF MULCHED AREAS. The Contractor shall care for mulched areas until final acceptance of the project. Care required may consist of providing protection against traffic or other disturbances by placement of warning signs and/or barricades before or immediately after mulching has been completed.

The Contractor may be required to repair or replace any mulching that is defective or becomes damaged before the project is finished and deemed satisfactory by the MAA Engineer. When, in the judgment of the MAA Engineer, defects or damage result from poor workmanship or failure to meet the requirements of the specifications, the cost of the necessary repairs or replacement will be borne by the Contractor. However, once the Contractor has completed the mulching of an area in accordance with the provisions of the specifications and to the satis



SURVEY NOTES:

1. DATUM
   HORIZ.: MARYLAND STATE PLANE FEET NAD83
   VERT.: NAVD88 FEET
   MONUMENT REF CHECK: MARTAIR-AZ
2. EXCAVATION SURVEY BY TETRA TECH THROUGH JULY 3 THROUGH AUGUST 16, 2013. SPOTS LABELED "GS" ARE FROM PREVIOUS PRE-CONSTRUCTION SURVEYS TO DEMONSTRATE EXCAVATION DEPTHS.
3. A POST-CONSTRUCTION AS-BUILT WAS NOT PERFORMED AS PART OF THIS SURVEY. IT IS ASSUMED THAT EXCAVATION TRENCHES WERE BACKFILLED WITH CLEAN FILL AND RESTORED TO THE PRE-CONSTRUCTION SURFACE ELEVATIONS AND PROVIDED WITH AN APPROPRIATE SURFACE MATERIAL (CRUSHED STONE OR GRASS).

DRAWING NAME: S:\03-Projects\Commercial\LMC\112\CO4769-MRC-Soil-Remed\MRC_AsBuilt\ MRC_Partial_Asbuilt.dwg

PLOT DATE: Apr 18, 2014 - 10:32am

TETRA TECH

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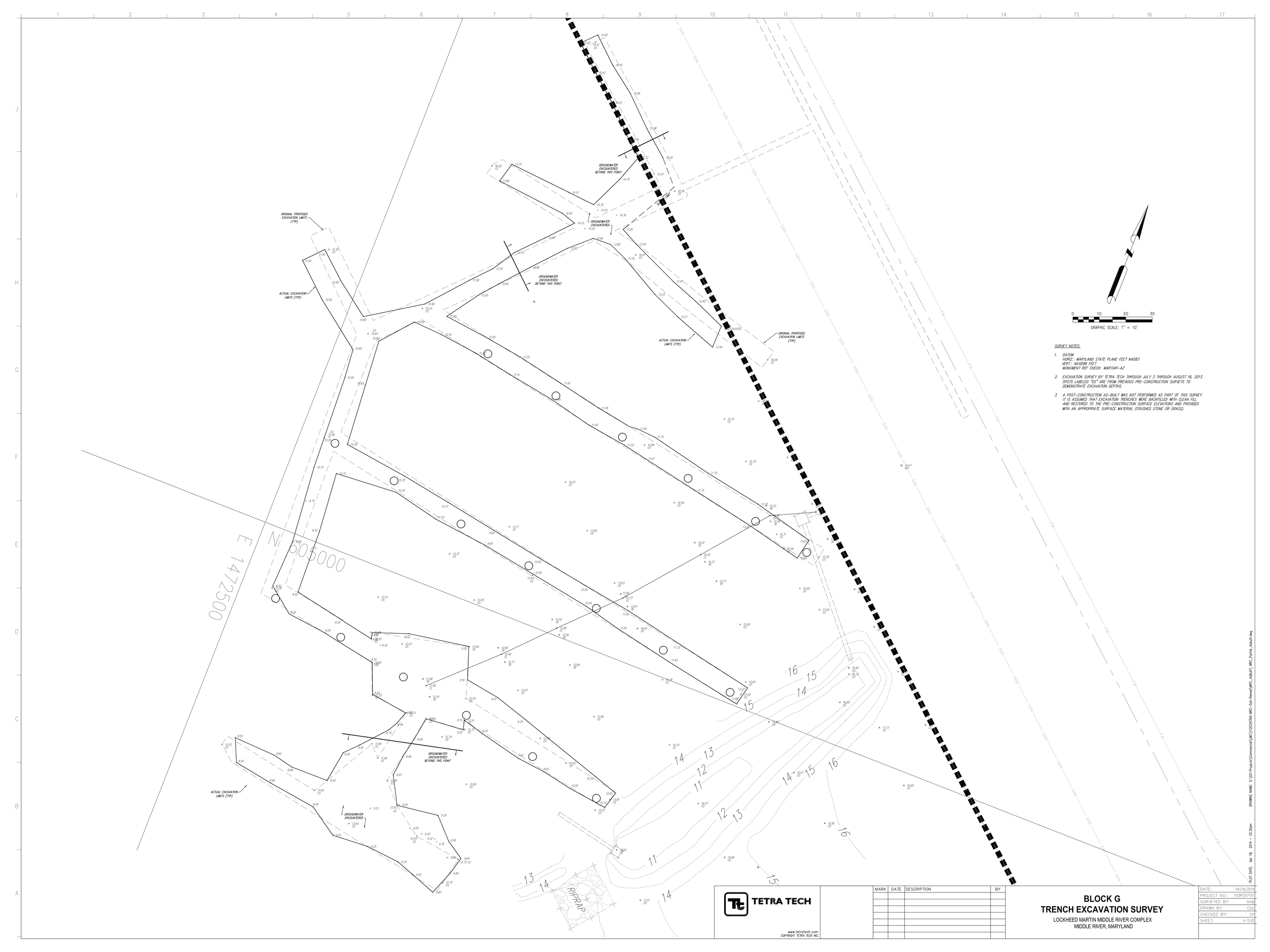
MARK	DATE	DESCRIPTION	BY

BLOCK E
TRENCH EXCAVATION SURVEY

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	04/16/2014
PROJECT NO.:	103IP257107
SURVEYED BY:	RAB
DRAWN BY:	CSG
CHECKED BY:	CP
SHEET:	V-5.01



SURVEY NOTES:

1. DATUM
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   VERT.: NAVD88 FEET
   MONUMENT REF. CHECK: MARTAR-AZ
2. EXCAVATION SURVEY BY TETRA TECH THROUGH JULY 3 THROUGH AUGUST 16, 2013. SPOTS LABELED "GS" ARE FROM PREVIOUS PRE-CONSTRUCTION SURVEYS TO DEMONSTRATE EXCAVATION DEPTHS.
3. A POST-CONSTRUCTION AS-BUILT WAS NOT PERFORMED AS PART OF THIS SURVEY. IT IS ASSUMED THAT EXCAVATION TRENCHES WERE BACKFILLED WITH CLEAN FILL AND RESTORED TO THE PRE-CONSTRUCTION SURFACE ELEVATIONS AND PROVIDED WITH AN APPROPRIATE SURFACE MATERIAL (CRUSHED STONE OR GRASS).

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MARK	DATE	DESCRIPTION	BY

BLOCK G
TRENCH EXCAVATION SURVEY

LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	04/16/2014
PROJECT NO.:	103P257107
SURVEYED BY:	RAB
DRAWN BY:	CSG
CHECKED BY:	CP
SHEET:	V-5.02

PLOT DATE: Apr 16, 2014 - 10:30am
DRAWING NAME: S:\03-Projects\Commercial\LMC\112504769-MRC-Std-Remed\MRC_Addsft_MRC_Partial_Addsft.dwg

APPENDIX E—LETTER TO UNITED STATES ENVIRONMENTAL PROTECTION AGENCY: TOXIC SUBSTANCES CONTROL ACT SOIL REMOVAL

Lockheed Martin Corporation
6801 Rockledge Drive MP: CCT-246
Bethesda, MD 20817
Telephone 301-548-2209

LOCKHEED MARTIN

April 2, 2013

VIA EMAIL & US MAIL

Ms. Sharon D. Kenny, MEng, PMP, CHMM
U.S. Environmental Protection Agency, Region III
Land and Chemicals Division
1650 Arch St.
Mail Code 3LC40
Philadelphia, PA 19103

Re: Lockheed Martin Middle River Complex
Interim Remedial Action Soil Removal in Block E Associated with the Groundwater Remedy: Performance-Based Disposal {40 C.F.R. 761.61 (b)}

Dear Ms. Kenny:

Lockheed Martin Corporation (Lockheed Martin) is submitting this letter to describe soil removal activities associated with the installation of infrastructure for *in situ* groundwater remediation of chlorinated solvents in Tax Block E of the Lockheed Martin Middle River Complex located in Middle River, Maryland.

There are several locations in the Block E groundwater remediation area containing soil with greater than 50 milligrams per kilogram (mg/kg) of polychlorinated biphenyls (PCBs). Lockheed Martin is planning to remove soils containing PCBs as an interim remedial action and dispose of those soils in accordance with 40 C.F.R. 761.61(b); the primary purpose of this action is to remove contaminated soil from the area where infrastructure for the groundwater remediation system will be installed. The action includes excavation and disposal of unsaturated soils; groundwater or saturated soils containing elevated PCBs will not be encountered during this project. Per our correspondence dated March 13, 2013, the full remediation of Tax Block E will be addressed in an application for approval of soil cleanup and disposal under 40 C.F.R. 761.61(c).

The following information provides a summary of the proposed delineation, removal approach, and disposal technologies that will be utilized for this interim remedial action project.

Lockheed Martin, along with its contractors, will be implementing the *in situ* groundwater remediation of chlorinated solvents at three areas of the Middle River Complex beginning in May

2013 (Blocks E, G, and I). Sampling at Block E has indicated that soil is present with concentrations of PCBs exceeding 50 mg/kg in the area of the planned groundwater remediation. PCBs at these concentrations are not present in the areas of planned groundwater remediation at Blocks G and I as documented in our March 13, 2013, correspondence.

As part of the groundwater remedy, soil in the vicinity of the groundwater infrastructure will be excavated and disposed of off-site. The soil with concentrations of PCBs ≥50 mg/kg will be removed and disposed under 40 (CFR) 761.61(b). Then, additional soil with PCB concentrations >1mg/kg and <50 mg/kg will be removed within and near the footprint of the groundwater treatment trenches and infrastructure. The objective of this soil removal is to protect the groundwater remedy infrastructure during subsequent soil removal efforts to be conducted to remedy the entire Tax Block E under 40 (CFR) 761.61(c) and protect workers during the groundwater remediation system installation. Therefore, soil removal will be limited to the areas to be encountered during the remedy construction activities and the excavation areas will not be expanded outside the limit of disturbance delineated for the groundwater remedy installation.

Specifically, the following activities will be completed:

- Additional soil sampling in the area of the Block E groundwater remedial action to fully delineate the exceedences of 50 mg/kg PCBs. All analyses will be for PCBs by SW-846 Test Method 8082. Four areas within the limit of disturbance for the groundwater remedy have previously exhibited concentrations at this level. Exhibit 1 shows all historical sample locations and the historical sampling results are shown in Exhibit 2; the relevant samples with PCB concentrations above 50 mg/kg are:
    - SB-524 (52 mg/kg) – this area has been fully delineated
    - SB-555 (53 mg/kg) – Additional delineation samples will be collected in a grid with initial spacing at 5 feet from the boring and additional samples 15 feet from the boring (8 locations; 24 samples).
    - SB-525, -526, -527, and -569 (maximum of 300 mg/kg) – Additional delineation samples will be collected in a grid with initial spacing at 5 feet from the boring and additional samples 15 feet from the boring. Because the exceedances at both SB-524 and this area are located along the storm drain line, samples from six additional locations will be collected from soils above the storm drain (for a total of 17 locations; 51 samples)
    - SB-890 (320 mg/kg) – Additional delineation samples will be collected in a grid with initial spacing at 5 feet from the boring and additional samples 15 feet from the boring (10 locations; 30 samples).

    - All proposed sample locations are also shown on Exhibit 1. Three samples, ranging from the surface to a maximum depth of three feet will be collected from each location.
- Additional samples will also be collected throughout the proposed excavation for disposal characterization, as required by the disposal facilities.
- The soil will be excavated as follows:
    - Areas shown to contain greater than ≥50 mg/kg of PCBs will be excavated first and transported to the Chemical Waste Management Facility in Model City, New York for disposal. Model City is a Subtitle C landfill which is Toxic Substances Control Act (TSCA)-permitted, approved for acceptance of soil with PCB concentrations greater than 50 mg/kg. It is expected that this will include approximately 370 cubic yards of soil.
    - Following excavation of the soil containing greater than 50 mg/kg of PCBs, the remainder of the excavation will be completed; this will include an area 7.5 feet wide around the trenches used for installation of the groundwater remedy infrastructure and other areas within the limit of disturbance containing >1 and <50 mg/kg PCBs. This is expected to include an additional 1,200 cubic yards of soil. This soil will be shipped to the Waste Management GROWS North Landfill in Pennsylvania; this is a Subtitle D landfill approved for acceptance of soil with PCB concentrations less than 50 mg/kg.
    - The expected boundary of the excavation is shown on Exhibit 3; these boundaries will be adjusted as appropriate based on the soil sampling described above.
    - The maximum excavation depth is 3 feet below ground surface and which is shallower than the water table in this portion of the site. Saturated soils or groundwater are not expected to be encountered.
    - Following excavation, samples intended to characterize the soil remaining in place will be collected from the sidewalls and bottom of the excavation and analyzed for PCBs (Exhibit 1); the results of these analyses will be noted and used in the design of the complete Block E soil remedy. Due to the limited objectives of this interim remedial action (soil removal), excavation beyond the design limits will not be conducted.

It is our intention to begin mobilization for this project on April 15, 2013, and excavation is projected to begin on May 13, 2013. Lockheed Martin welcomes any U.S. Environmental Protection Agency (EPA) questions or comments about the planned approach. Lockheed Martin will submit a report to EPA summarizing the activities accomplished following the work in the field.

Please contact me at (301) 548-2209 if you have any questions.

Sincerely,



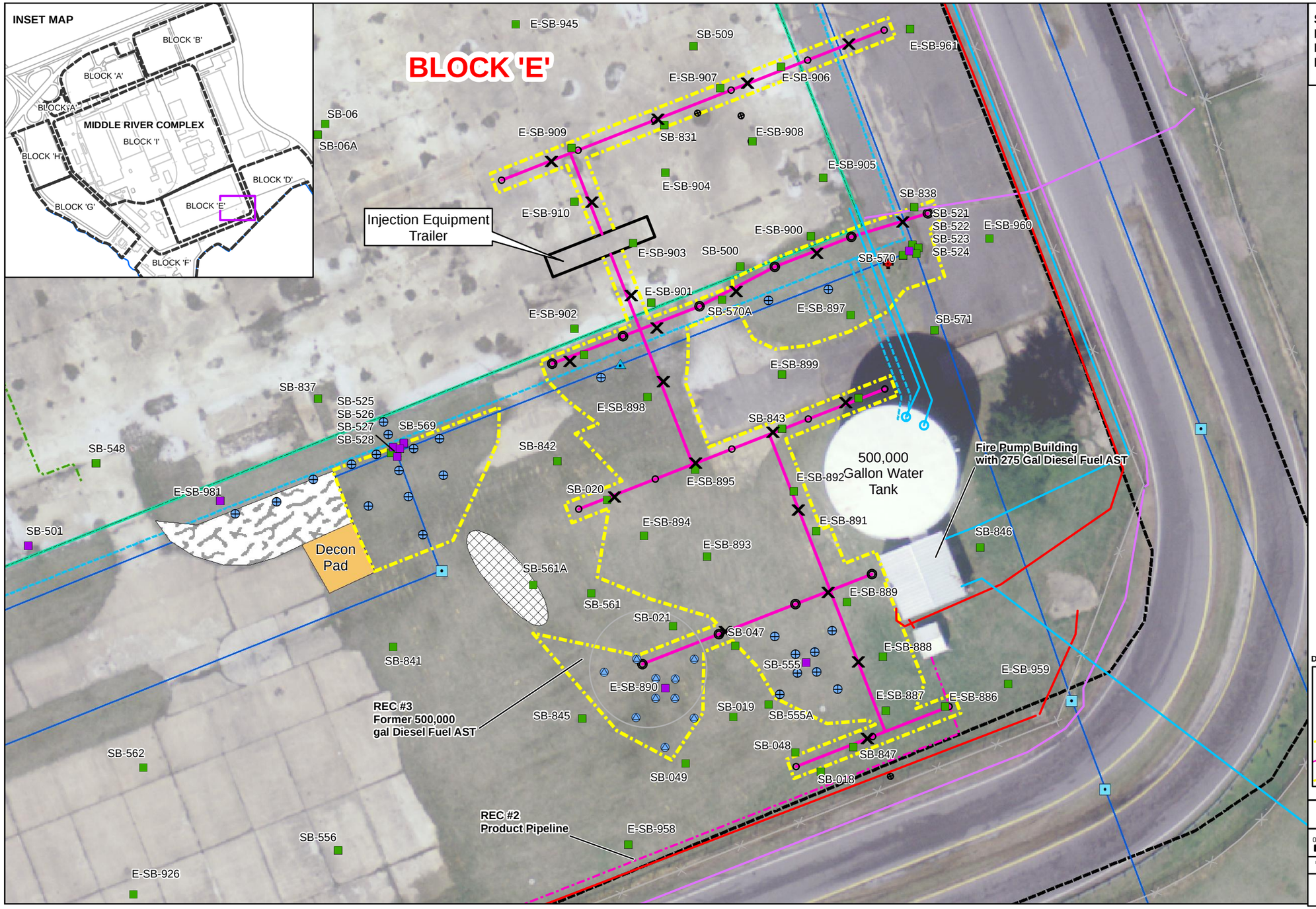
Thomas D. Blackman
Project Lead, Environmental Remediation
Lockheed Martin Corporation

Enclosures

cc: (via US Mail with enclosures)
Ruth Prince, US EPA Region 3
Dale Truskett, Lockheed Martin

cc: (via email with enclosures)
Ruth Prince, US EPA Region 3
James Carroll, MDE
Art O'Connell, MDE
Mark Mank, MDE
Christine Kline, Lockheed Martin
Norm Varney, Lockheed Martin
Michael Martin, Tetra Tech
Cannon Silver, CDM Smith

Exhibit 1



SOIL SAMPLE LAYOUT, BLOCK E GROUNDWATER REMEDIAL SYSTEM INSTALLATION

LEGEND

PREVIOUS SOIL BORING MAXIMUM PCB CONCENTRATION

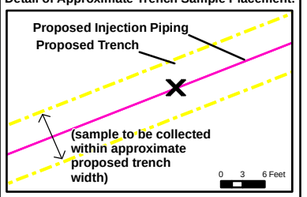
- > 50 mg/kg PCBs
- < 50 mg/kg PCBs
- BLOCK E SOUTHWEST PCB DELINEATION SAMPLE (0-6,6-24, and 24-36)
- BLOCK E PCB DELINEATION SAMPLE (0-12,12-24, and 24-36)
- E-VB-1 or E-VS-1 BLOCK E POST-EXCAVATION SAMPLE, BASE(B) OR SIDEWALL(S)

EXISTING UTILITIES

- COMMUNICATION
- FORCE MAIN
- GAS
- SANITARY
- UNDERGROUND ELECTRIC
- WATER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- TRAILER
- FUEL OIL LINE *
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- STABILIZED CONSTRUCTION ENTRANCE
- UNDERGROUND SANITARY SEWER *
- EXISTING FENCE
- HYDRANT
- STORMWATER INLET
- MHSD (MANHOLE SEDIMENT)
- FIRE WATER LINE *
- STORM SEWER
- BUILDING FOOTPRINT
- TAX PARCELS
- INJECTION WELLS
- EXTRACTION WELLS

* From historical drawings

Detail of Approximate Trench Sample Placement:



Lockheed Martin Middle River Complex
Middle River, Maryland

0 10 20 40 Feet

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DATE MODIFIED: 12/12/12

CREATED BY: MP

TETRATECH

Map Document: (K:\GProject\middle_river\Maps\Block E soil Confirmation and Delineation Sample Locations.mxd)
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Exhibit 2

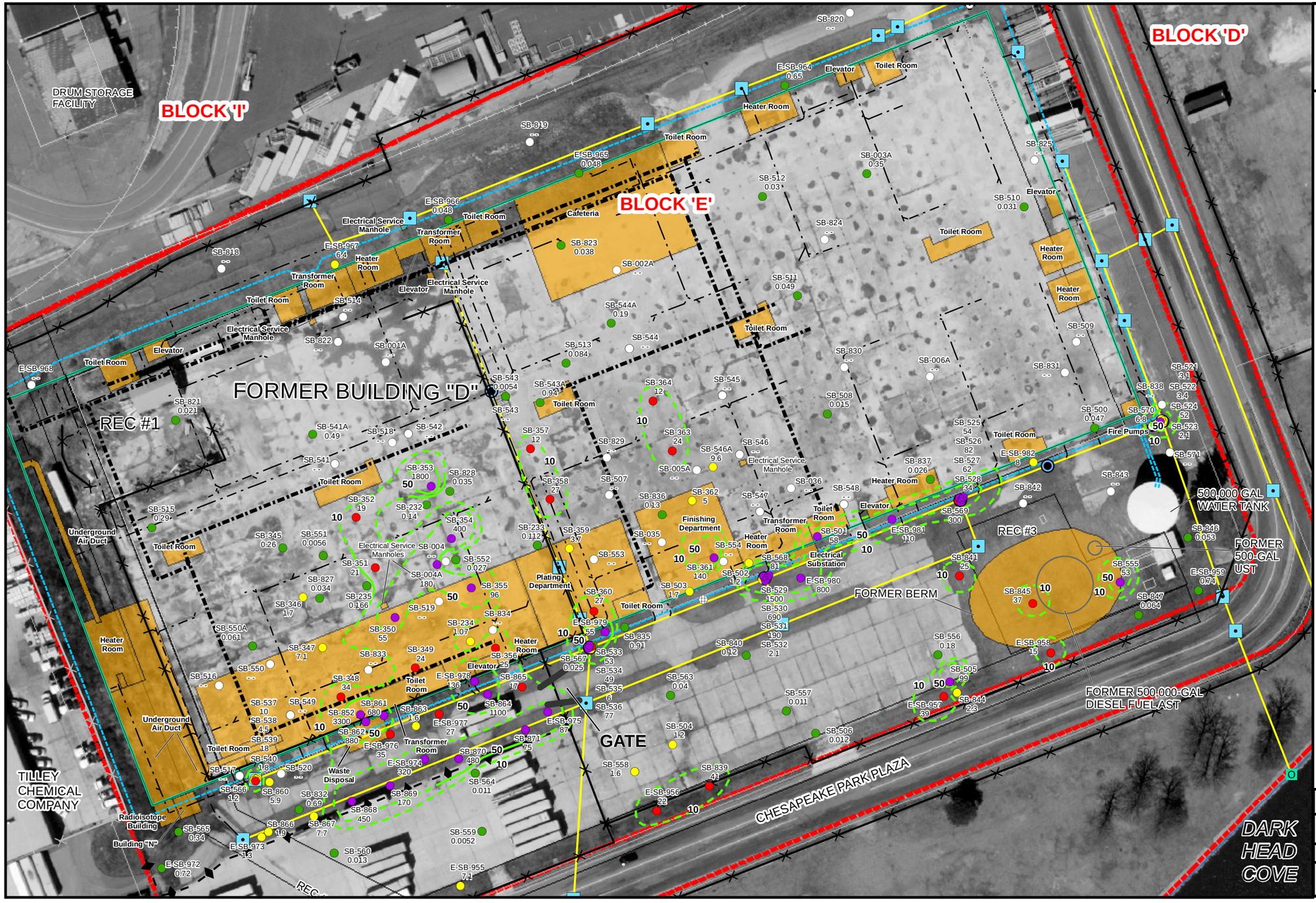

FIGURE 4-1

PCB CONCENTRATIONS IN BLOCK E SOIL SAMPLES THROUGH 2012, 0-1 FOOT DEPTH

LEGEND

- ≤ 1.0 mg/kg
- > 1 - 10 mg/kg
- > 10 - < 50 mg/kg
- ≥ 50 mg/kg
- NON-DETECT
- PCB ISOCONCENTRATION CONTOUR IN MG/KG
- INFERRED
- DRAIN PIPES
- UNDERGROUND SANITARY SEWER
- NEW FENCE
- EXISTING FENCE
- HYDRANT
- STORMWATER INLET
- ELECTRIC MANHOLE
- MHSD (MANHOLE SEDIMENT)
- STORMWATER OUTFALL
- FIRE WATER LINE
- STORM SEWER
- BUILDING FOOTPRINT
- HISTORIC FEATURES
- 1.6 PCB CONCENTRATION (mg/kg)
- -- NOT DETECTED

PCB= polychlorinated biphenyl
* RESIDENTIAL SCREENING LEVEL IS 1 MG/KG
INDUSTRIAL SCREENING LEVEL IS 10 MG/KG
PCB results are in units of milligrams per kilogram (mg/kg)

Lockheed Martin Middle River Complex
Middle River, Maryland

0 15 30 60 Feet

N

DATE MODIFIED: 2/21/13

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block E PCB Sample Locations through 2012_0-1ft.mxd)
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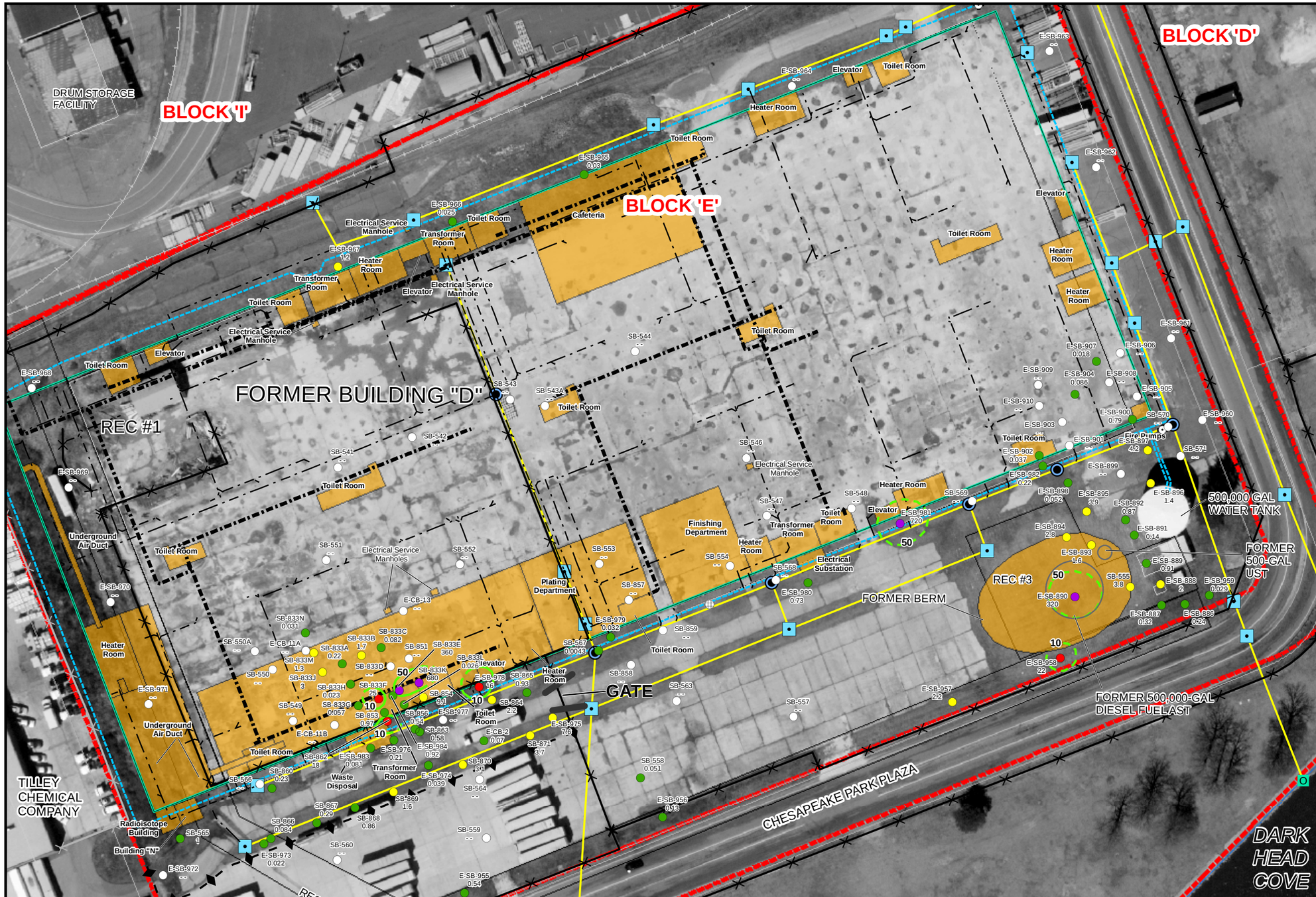

FIGURE 4-2

PCB CONCENTRATIONS IN BLOCK E SOIL SAMPLES THROUGH 2012, 1-2 FOOT DEPTH

LEGEND

- ≤ 1.0 mg/kg
- > 1 - 10 mg/kg
- > 10 - < 50 mg/kg
- ≥ 50 mg/kg
- NON-DETECT
- PCB ISOCONCENTRATION CONTOUR IN MG/KG
- INFERRED
- DRAIN PIPES
- UNDERGROUND SANITARY SEWER
- NEW FENCE
- EXISTING FENCE
- HYDRANT
- STORMWATER INLET
- ELECTRIC MANHOLE
- MHSD (MANHOLE SEDIMENT)
- STORMWATER OUTFALL
- FIRE WATER LINE
- STORM SEWER
- BUILDING FOOTPRINT
- HISTORIC FEATURES
- 1.6 PCB CONCENTRATION (mg/kg)
- - - NOT DETECTED

PCB= polychlorinated biphenyl
* RESIDENTIAL SCREENING LEVEL IS 1 MG/KG
INDUSTRIAL SCREENING LEVEL IS 10 MG/KG
PCB results are in units of milligrams per kilogram (mg/kg)

Lockheed Martin Middle River Complex
Middle River, Maryland

0 15 30 60 Feet

N

DATE MODIFIED: 2/21/13

CREATED BY: MP

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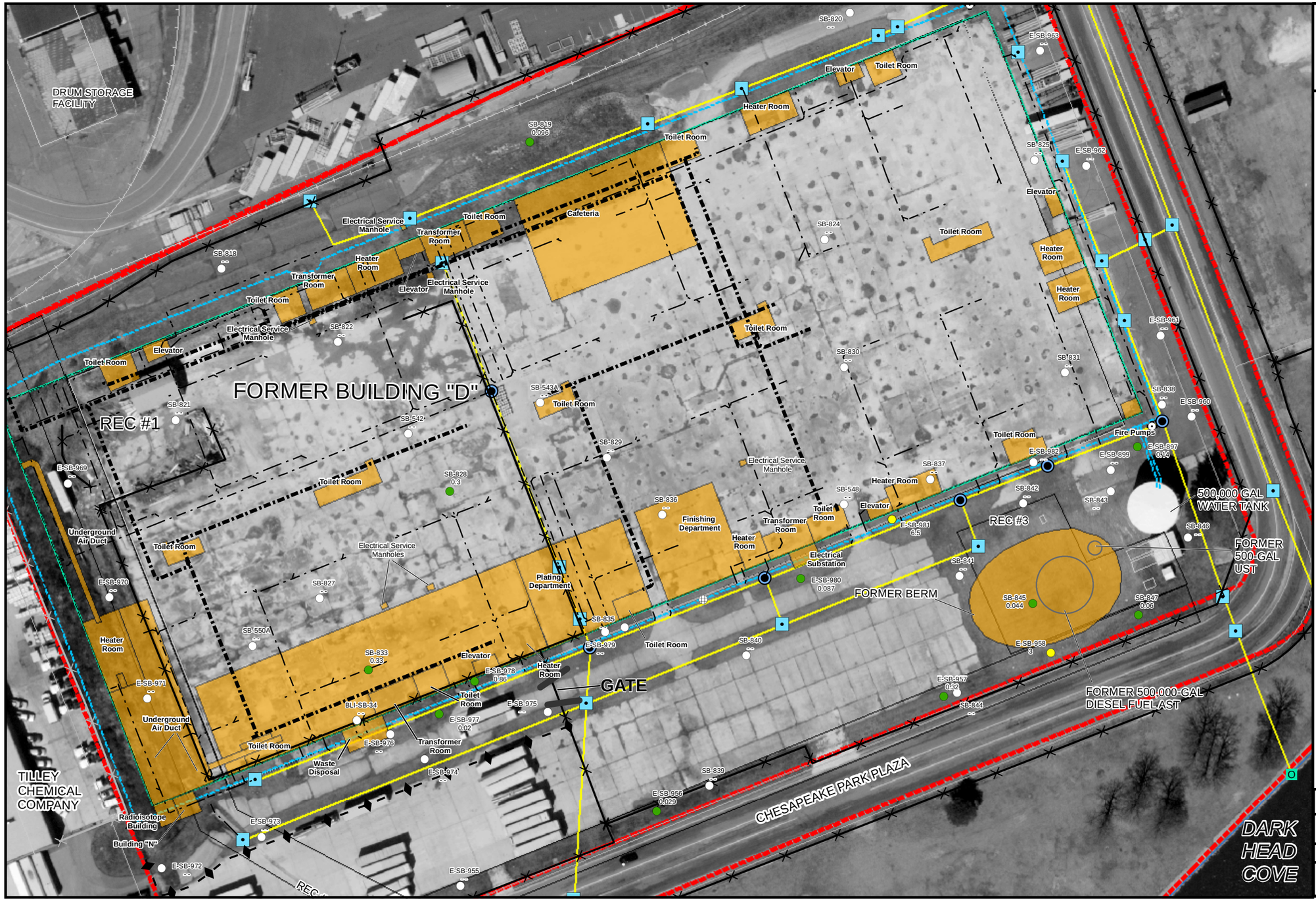

FIGURE 4-3

PCB CONCENTRATIONS IN BLOCK E SOIL SAMPLES THROUGH 2012, 2-3 FOOT DEPTH

LEGEND

- NON-DETECT
- ≤ 1.0 mg/kg
- > 1 - 10 mg/kg
- DRAIN PIPES
- UNDERGROUND SANITARY SEWER
- NEW FENCE
- EXISTING FENCE
- HYDRANT
- STORMWATER INLET
- ELECTRIC MANHOLE
- MHSD (MANHOLE SEDIMENT)
- STORMWATER OUTFALL
- FIRE WATER LINE
- STORM SEWER
- BUILDING FOOTPRINT
- HISTORIC FEATURES
- 1.6 PCB CONCENTRATION (mg/kg)
- - - NOT DETECTED

PCB= polychlorinated biphenyl
* RESIDENTIAL SCREENING LEVEL IS 1 MG/KG
INDUSTRIAL SCREENING LEVEL IS 10 MG/KG
PCB results are in units of milligrams per kilogram (mg/kg)

Lockheed Martin Middle River Complex
Middle River, Maryland

0 15 30 60 Feet

N

DATE MODIFIED: 2/22/13

CREATED BY: MP

TETRA TECH

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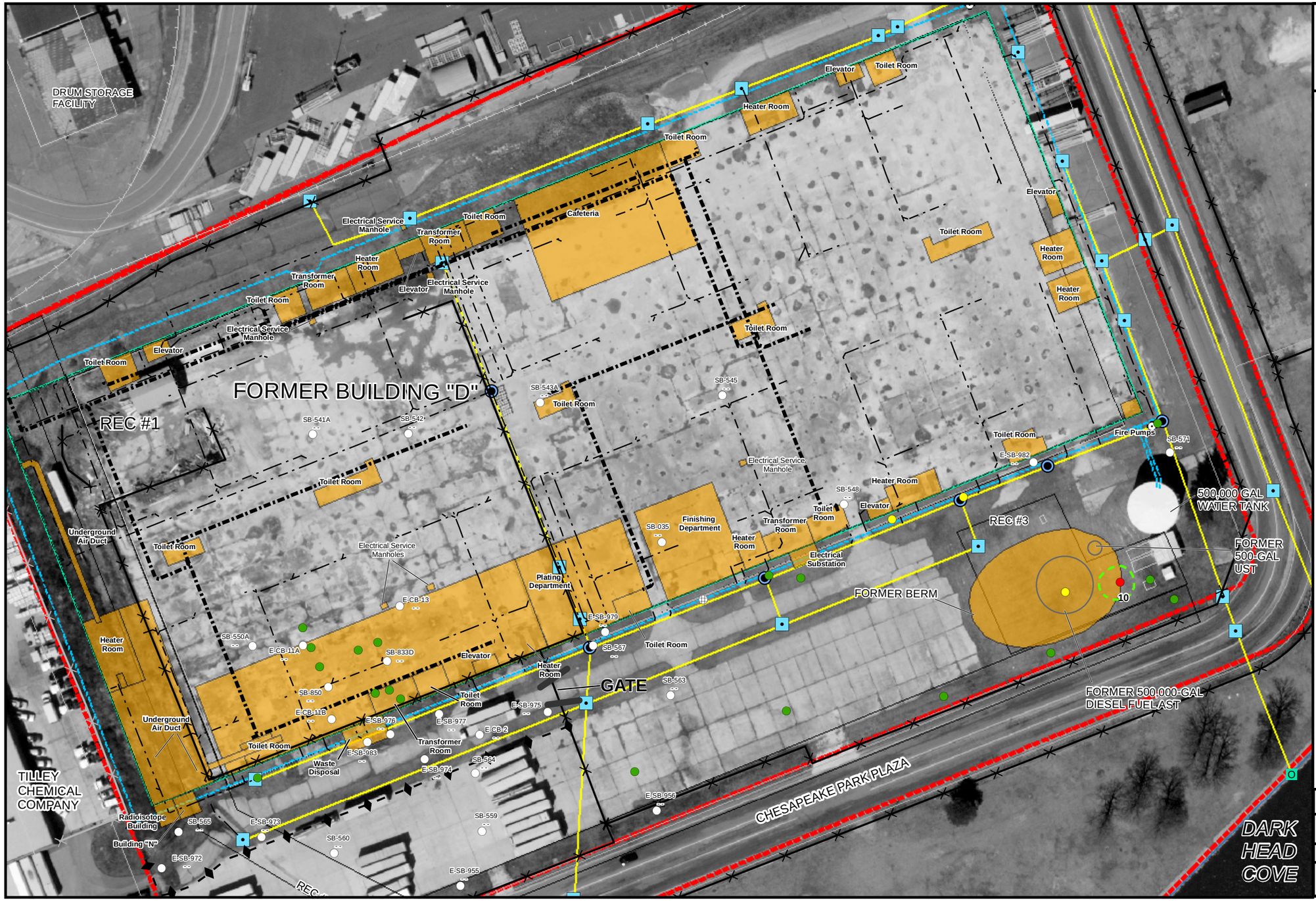

FIGURE 4-4

PCB CONCENTRATIONS IN BLOCK E SOIL SAMPLES THROUGH 2012, 3-4 FOOT DEPTH

LEGEND

- ≤ 1.0 mg/kg
- > 1 - 10 mg/kg
- > 10 - < 50 mg/kg
- NON-DETECT (MG/KG)
- PCB ISOCONCENTRATION CONTOUR IN MG/KG
- INFERRED
- DRAIN PIPES
- UNDERGROUND SANITARY SEWER
- NEW FENCE
- EXISTING FENCE
- HYDRANT
- STORMWATER INLET
- ELECTRIC MANHOLE
- MHSD (MANHOLE SEDIMENT)
- STORMWATER OUTFALL
- HISTORIC FEATURES
- FIRE WATER LINE
- STORM SEWER
- BUILDING FOOTPRINT
- 1.6 PCB CONCENTRATION (mg/kg)
- - - NOT DETECTED

PCB= polychlorinated biphenyl
* RESIDENTIAL SCREENING LEVEL IS 1 MG/KG
INDUSTRIAL SCREENING LEVEL IS 10 MG/KG
PCB results are in units of milligrams per kilogram (mg/kg)

Lockheed Martin Middle River Complex
Middle River, Maryland

0 15 30 60 Feet

N

DATE MODIFIED: 2/22/13

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block E PCB Sample Locations through 2012_3-4ft.mxd)
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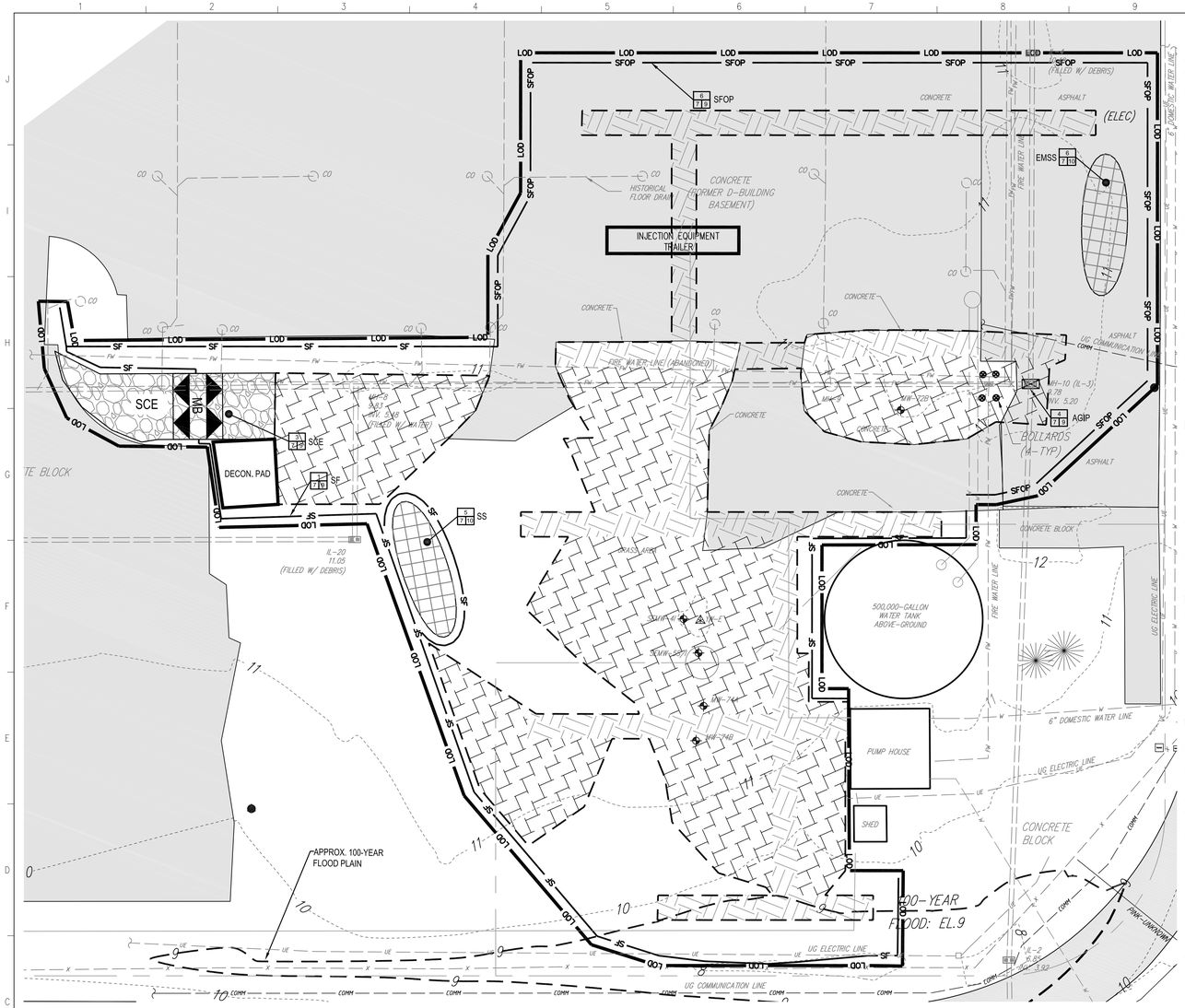
Exhibit 3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APPENDIX F—TOXIC SUBSTANCES CONTROL ACT WASTE PROFILE AND MANIFESTS

Lockheed Martin Corporation
6801 Rockledge Drive, MP: CCT 246
Bethesda, MD 20817
Telephone 301-548-2209

June 25, 2013 **VIA ELECTRONIC MAIL**

Mr. Kenneth A. Jeffery
Construction Manager
Tetra Tech
240 Continental Drive, Suite 200
Newark, DE 19713

Re: Delegation of Signature Authority; Waste Manifest Signatures for the Groundwater Remedy (i.e., Tax Blocks "E," "G" and "I") Middle River Facility, Baltimore County, Maryland

Dear Mr. Jeffery:

This letter is in regard to the work Tetra Tech is performing at Middle River Tax Blocks "E," "G" and "I" in Baltimore County, Maryland (the "Site"), involving the management for off-site transportation and disposal of TSCA, Hazardous and Nonhazardous soils removed from the Site. Appropriately trained and certified Tetra Tech employees working at the Site are hereby authorized to sign waste manifests on behalf of Lockheed Martin Corporation. Waste manifests shall be signed in the section designated for the generator's signature. The Tetra Tech on-site representative must sign disposal profiles and waste manifests as follows: "(Name), on behalf of Lockheed Martin." ***A copy of all waste manifests signed in this manner and a copy of the shipper's bills of lading for wastes transported off site for disposal must be provided to***:

Thomas D. Blackman
Project Lead, Environmental Remediation
Lockheed Martin Corporation
6801 Rockledge Drive; MP: CCT-246
Bethesda, MD 20817
Tom.d.blackman@lmco.com

This authorization will expire with the current Groundwater Remedy contract for Tax Block "E," "G" and "I," or December 31, 2013, unless the contract is renewed or extended. This authorization relates to shipments of TSCA, Hazardous and Nonhazardous waste from the Site. Additionally, please fill out, sign and return the enclosed "Lockheed Martin Hazardous Waste Manifest Signatory Authorization Agreement" to me.

Please let me know if you have any questions. My office phone is (301) 548-2209. My cell phone is (240) 460-7508.

Sincerely,



Thomas D. Blackman
Project Lead, Environmental Remediation

Enclosure: Lockheed Martin TSCA, Hazardous and Nonhazardous Waste Manifest Signatory Authorization Agreement

cc: via email with enclosure
Christine Kline, Lockheed Martin
Norm Varney, Lockheed Martin
Mike Martin, Tetra Tech
Cannon Silver, CDM Smith

National Account Customer

WASTE MANAGEMENT

EZ Profile™

Requested Facility: Model City (Hazardous Waste Facility) ☐ Unsure Profile Number: NY304301

☐ Check if there are multiple generator locations. Attach locations. ☐ COD ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Lockheed Martin Corporation
2. Site Address: 2323 Eastern Blvd
   (City, State, ZIP) Middle River MD 21220-4207
3. County: Baltimore
4. Contact Name: Thomas Blackman
5. Email: _____
6. Phone: (301) 214-9958 7. Fax: _____
8. Generator EPA ID: MDR000524413 ☐ N/A
9. State ID: _____ ☑ N/A

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: AMERICAN WASTE MANAGEMENT SERVICES
2. Billing Address: ONE AMERICAN WAY
   (City, State, ZIP) WARREN OH 44484
3. Contact Name: RHONDA GORA
4. Email: RGORA@AWMSI.COM
5. Phone: (330) 856-8885 6. Fax: (330) 856-8484
7. WM Hauled? ☐ Yes ☐ No
8. P.O. Number: _____

C. MATERIAL INFORMATION

1. Common Name: TSCA PCB Soil
   Describe Process Generating Material: ☐ See Attached
   Trenches being dug at an aircraft/aerospace site to install groundwater treatment system.
2. Material Composition and Contaminants: ☐ See Attached

1. Soil	95 %
2. asphalt/concret	<5 %
3.	
4.	
	≥100%

3. State Waste Codes: MX01 ☐ N/A
4. Color: brown
5. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☑ N/A (Solid)
7. pH: _____ to _____ ☑ N/A (Solid)
8. Strong Odor: ☐ Yes ☑ No Describe: _____
9. Flash Point: ☐ <140°F ☐ 140°–199°F ☐ ≥200° ☑ N/A (Solid)

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☑ No
   Code: _____
2. State Hazardous Waste? ☑ Yes ☐ No
   Code: MX01
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☑ No
5. Contains benzene **and** subject to Benzene NESHAP? ☐ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☑ No
8. NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☑ Yes ☐ No
   a. Regulated by 40 CFR 761? ☑ Yes ☐ No
   b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☑ No
   c. Were PCB imported into the US? ☐ Yes ☑ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☑ No
11. Contains Asbestos? ☐ Yes ☑ No
    → If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☐ Yes
   Please identify applicable samples and/or lab reports:
2. Other information attached (such as MSDS)? ☐ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 1000
   ☐ Tons ☑ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: Bulk
4. USDOT Proper Shipping Name: ☐ N/A
   UN3432, Polychlorinated Biphenyls Waste Solid, 9, PGII, RQ

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): THOMAS BLACKMAN Date: 6/10/2013

Title: PROJECT LEAD, ENVIRONMENTAL REMEDIATION

Company: LOCKHEED MARTIN CORPORATION

Certification Signature



THINK GREEN.®

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Last Revised April 26, 2013

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Lockheed Martin Corporation
6801 Rockledge Drive, MP: CCT 246
Bethesda, MD 20817
Telephone 301-548-2209

June 25, 2013 **VIA ELECTRONIC MAIL**

Mr. Kenneth A. Jeffery
Construction Manager
Tetra Tech
240 Continental Drive, Suite 200
Newark, DE 19713

Re: Delegation of Signature Authority; Waste Manifest Signatures for the Groundwater Remedy (i.e., Tax Blocks "E," "G" and "I") Middle River Facility, Baltimore County, Maryland

Dear Mr. Jeffery:

This letter is in regard to the work Tetra Tech is performing at Middle River Tax Blocks "E," "G" and "I" in Baltimore County, Maryland (the "Site"), involving the management for off-site transportation and disposal of TSCA, Hazardous and Nonhazardous soils removed from the Site. Appropriately trained and certified Tetra Tech employees working at the Site are hereby authorized to sign waste manifests on behalf of Lockheed Martin Corporation. Waste manifests shall be signed in the section designated for the generator's signature. The Tetra Tech on-site representative must sign disposal profiles and waste manifests as follows: "(Name), on behalf of Lockheed Martin." ***A copy of all waste manifests signed in this manner and a copy of the shipper's bills of lading for wastes transported off site for disposal must be provided to***:

Thomas D. Blackman
Project Lead, Environmental Remediation
Lockheed Martin Corporation
6801 Rockledge Drive; MP: CCT-246
Bethesda, MD 20817
Tom.d.blackman@lmco.com

This authorization will expire with the current Groundwater Remedy contract for Tax Block "E," "G" and "I," or December 31, 2013, unless the contract is renewed or extended. This authorization relates to shipments of TSCA, Hazardous and Nonhazardous waste from the Site. Additionally, please fill out, sign and return the enclosed "Lockheed Martin Hazardous Waste Manifest Signatory Authorization Agreement" to me.

Please let me know if you have any questions. My office phone is (301) 548-2209. My cell phone is (240) 460-7508.

Sincerely,



Thomas D. Blackman
Project Lead, Environmental Remediation

Enclosure: Lockheed Martin TSCA, Hazardous and Nonhazardous Waste Manifest Signatory Authorization Agreement

cc: via email with enclosure
Christine Kline, Lockheed Martin
Norm Varney, Lockheed Martin
Mike Martin, Tetra Tech
Cannon Silver, CDM Smith

TSCA Load Summary

Date	Weight (lbs)	Weight (tons)	Manifest #
6/27/2013	52940	26.47	010679118JJK
6/27/2013	49360	24.68	010679119JJK
6/27/2013	48160	24.08	010679120JJK
6/28/2013	50520	25.26	010679121JJK
6/28/2013	50460	25.23	010679122JJK
6/28/2013	43240	21.62	010679123JJK
7/2/2013	49900	24.95	010679124JJK
7/2/2013	47640	23.82	010679125JJK
7/2/2013	45380	22.69	010679126JJK
7/2/2013	45940	22.97	010679127JJK
7/2/2013	47320	23.66	010679128JJK
7/2/2013	47440	23.72	010679130JJK
7/2/2013	49700	24.85	010679129JJK
7/3/2013	51600	25.8	010679131JJK
7/3/2013	47660	23.83	010679133JJK
7/3/2013	50760	25.38	010679134JJK
7/3/2013	47840	23.92	010679135JJK
7/3/2013	44260	22.13	010679132JJK
7/5/2013	48800	24.4	010679136JJK
7/5/2013	53440	26.72	010679138JJK
7/5/2013	47760	23.88	010679137JJK
7/10/2013	50060	25.03	010679139JJK
7/10/2013	52000	26	010679140JJK
7/11/2013	47460	23.73	010679142JJK
7/11/2013	45940	22.97	010679141JJK
7/11/2013	50040	25.02	010679143JJK
7/12/2013	47280	23.64	010679144JJK
7/12/2013	48420	24.21	010679145JJK
7/17/2013	51620	25.81	010679146JJK
7/17/2013	49640	24.82	010679147JJK
7/18/2013	47920	23.96	005997194JJK
7/18/2013	48720	24.36	010677949JJK
7/19/2013	48140	24.07	010677948JJK
TOTAL	1607360	803.68	

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199461

Cubic Yards

Receipt # _____ Trailer License Plate # and State _____

Service Req. # _____ Profile # _____ Permit # _____

Transporter Name _____ Tractor/Trailer/Roll-off # _____

Driver's Name _____ Generator _____

Scheduled Arrival: Date _____ Time _____

Actual Arrival: Date _____ Time In _____ Time Out _____

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ _____
Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify) _____

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or detarpin

_____ Overweight upon arrival

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 302 521 4907
4. Manifest Tracking Number: 010679118 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: U.S. BULK TRANSPORT INC.
U.S. EPA ID Number: PAD 987 347 515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII, RQ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 6-26-13
81661304
SR# 1007659-1 recd 24013K

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR.
Signature: Kenneth A Jeffery
Month 06 Day 26 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: SCOTT E GREEN
Signature: Scott E Green
Month 06 Day 26 Year 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 6 Day 27 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 06/27/13 as described on Shipping Document number 010679118JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166130401
CWM Unit #: 1*0
Disposal Date: 06/27/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366039
06/28/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199462

_____ *Cubic Yards*

8/6/2015
Receipt #

Trailer License Plate # and State

Service Req. # *Profile #* *Permit #*

Transporter Name

Tractor/Trailer/Roll-off #

Driver's Name

Generator

Scheduled Arrival: _____ _____
Date *Time*

Actual Arrival: _____ 715 _____
Date *Time In* *Time Out*

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ _____
Initials *Comments*

☐ **Leaker** ☐ **Permit Violation** ☐ **Placarding/Veh. I.D. Violation**

☐ **Other (specify** _____

☐ **Bulk to Landfill** ☐ **No wet line** ☐ **Flatbed** ☐ **Stabilization** ☐ **Drums** ☐ **Tanker** ☐ **Transformers**

Laboratory
Time In *Time Out* *Initials* *Comments*

Stabilization
Time In *Time Out* *Initials* *Gross Wt.* *Comments*

Landfill
Time In *Time Out* *Initials* *Comments*

Other
Time In *Time Out* *Initials* *Comments*

Aqueous Treatment
Time In *Time Out* *Signature (NO Initials)* *Comments*

Facility Personnel (*please initial*)

_____ **Smoking or eating in prohibited areas**

_____ **Failure to obey instructions of facility personnel**

_____ **Failure to wear appropriate PPE**

_____ **Unsafe driving practices**

_____ **Other (specify)** _____

_____ **Leaving truck unattended**

_____ **Failure to display overweight flag**

_____ **Improper tarping or detarpin**

_____ **Overweight upon arrival**

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 302 521 4907
4. Manifest Tracking Number: 010679119 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LIS BULK TRANSPORT
U.S. EPA ID Number: PAD 987 347 515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII, RQ	1	DT	EST. 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 6-26-13 SR# 1007659-2 81661305 recd 22390K

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR
Signature: [signature]
Month 06 Day 26 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Randy Cooper
Signature: [signature]
Month 6 Day 26 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 6 Day 27 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 06/27/13 as described on Shipping Document number 010679119JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166130501
CWM Unit #: 1*0
Disposal Date: 06/27/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366040
06/28/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199463

Cubic Yards

8166306 — Receipt #
17 90088 ME. — Trailer License Plate # and State
1007659-3 — Service Req. #
Profile #
PA242 — Permit #
US Bulk — Transporter Name
174-3/174-C — Tractor/Trailer/Roll-off #
JEFF HALL — Driver's Name
Lockheed Martin Corp. — Generator

Scheduled Arrival: 6-27-13 (Date) 6:30 (Time)

Actual Arrival: 6-27-13 (Date) 716 (Time In) (Time Out)

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-003

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 302 521 4907
4. Manifest Tracking Number: 010679120 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: 43 BULK TRANSPORT — U.S. EPA ID Number: PAD 987 347 515

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII, (RQ)	1	DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 06/26/13 SR# 1007659-3 81661306 recd 21845K

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR
Signature: Kenneth A Jeffery
Month 06 Day 26 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only): Port of entry/exit: Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JEFFREY HALL
Signature: Jeffrey L Hall
Month 6 Day 26 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
18b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski
Signature: Jody Partinski
Month 6 Day 27 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 06/27/13 as described on Shipping Document number 010679120JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166130601
CWM Unit #: 1*0
Disposal Date: 06/27/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366041
06/28/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199469

Cubic Yards

8166[illegible]314 — Receipt #
PT0719K PA — Trailer License Plate # and State
1007660-1 — Service Req. #
Profile #
PA342 — Permit #
US BULK — Transporter Name
161 161B — Tractor/Trailer/Roll-off #
TOM WHITEHILL — Driver's Name
LOCKHEAD — Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date _____ Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679121 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT INC
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGIIG RQ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052 recd 22916K waste ID = soil w/PCBs 6/28/13 8166314
OUT OF SERVICE DATE 06/27/13 SR# 1007660-1

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR
Signature: [signature]
Month 06 Day 27 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL
Signature: [signature]
Month 06 Day 27 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: [signature]
Month 6 Day 28 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 06/28/13 as described on Shipping Document number 010679121JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166131401
CWM Unit #: 1*0
Disposal Date: 06/28/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366045
07/01/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199472

Cubic Yards

Receipt # | Trailer License Plate # and State

Service Req. # | Profile # | Permit #

Transporter Name | Tractor/Trailer/Roll-off #

Driver's Name | Generator

Scheduled Arrival: Date | Time

Actual Arrival: Date | Time In | Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

_____ **Smoking or eating in prohibited areas**

_____ **Failure to obey instructions of facility personnel**

_____ **Failure to wear appropriate PPE**

_____ **Unsafe driving practices**

_____ **Other (specify)**

_____ **Leaving truck unattended**

_____ **Failure to display overweight flag**

_____ **Improper tarping or detarpin**

_____ **Overweight upon arrival**

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679122 JJK

GENERATOR

5. Generator's Name and Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: HS BULK TRANSPORT, INC
U.S. EPA ID Number: PAD 987 347 515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ)	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 06-27-13
waste ID = soil w/ PCBs 9/6/28/13 SR1007660-2
81661317
recd 22889 K

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR
Signature:
Month 06 Day 27 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVE CONFER
Signature:
Month 06 Day 27 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
18b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski
Signature:
Month 6 Day 28 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 06/28/13 as described on Shipping Document number 010679122JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166131701
CWM Unit #: 1*0
Disposal Date: 06/28/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366048
07/01/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199473

_____ *Cubic Yards*

_____ *Receipt #*

_____ *Trailer License Plate # and State*

_____ *Service Req. #* _____ *Profile #* _____ *Permit #*

_____ *Transporter Name* _____ *Tractor/Trailer/Roll-off #*

_____ *Driver's Name* _____ *Generator*

Scheduled Arrival: _____ *Date* _____ *Time*

Actual Arrival: _____ *Date* _____ *Time In* _____ *Time Out*

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ *Initials* _____ *Comments*

☐ **Leaker** ☐ **Permit Violation** ☐ **Placarding/Veh. I.D. Violation**

☐ **Other (specify** _____

☐ **Bulk to Landfill** ☐ **No wet line** ☐ **Flatbed** ☐ **Stabilization** ☐ **Drums** ☐ **Tanker** ☐ **Transformers**

Laboratory _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Stabilization _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Gross Wt.* _____ *Comments*

Landfill _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Other _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Aqueous Treatment _____ *Time In* _____ *Time Out* _____ *Signature (NO Initials)* _____ *Comments*

Facility Personnel (*please initial*)

_____ **Smoking or eating in prohibited areas**

_____ **Failure to obey instructions of facility personnel**

_____ **Failure to wear appropriate PPE**

_____ **Unsafe driving practices**

_____ **Other (specify)** _____

_____ **Leaving truck unattended**

_____ **Failure to display overweight flag**

_____ **Improper tarping or detarpin**

_____ **Overweight upon arrival**

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-908-7022
4. Manifest Tracking Number: 010679123 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: U.S. BULK TRANSPORT, Inc.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGIII, RQ KAS	1	DT	EST. 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052 Waste ID = Soil w/PCBs 6/28/13 81661318
OUT OF SERVICE DATE 06/27/13 SR 1007660-3
recd 19614K

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY, JR
Signature:
Month Day Year: 06 27 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RONALD JACKSON
Signature:
Month Day Year: 06 27 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Qty est actual recd 19614K
18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month Day Year: 06 28 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

3

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 06/28/13 as described on Shipping Document number 010679123JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166131801
CWM Unit #: 1*0
Disposal Date: 06/28/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366049
07/01/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199495

SCALE 1

Cubic Yards

GROSS 83040 LB

06:28 AM 07/02/13

SCALE 2

GROSS 33140 LB

08:52 AM 07/02/13

49900P
22634K

8166134O — Receipt #

PT 3789L / PA — Trailer License Plate # and State

Service Req. # — Profile # — Permit # PA 242

U.S. BULK — Transporter Name

133 / 133A — Tractor/Trailer/Roll-off #

DAVE CONFER — Driver's Name

LOCKHEED MARTIN — Generator

Scheduled Arrival: Date — Time

Actual Arrival: Date — Time In 550 — Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials — Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In — Time Out — Initials — Comments

Stabilization — Time In — Time Out — Initials — Gross Wt. — Comments

Landfill — Time In — Time Out — Initials — Comments

Other — Time In — Time Out — Initials — Comments

Aqueous Treatment — Time In — Time Out — Signature (NO Initials) — Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679124 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: HS BULK, TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679
1007832-01 KM

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KM	1	DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/1/13
SR: 1007832-01 Recd 22634K 81666340
Waste ID = Soil w/PCBs 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. | Signature: [signature] | Month: 07 | Day: 01 | Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVE CONFER | Signature: [signature] | Month: 07 | Day: 01 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Partinski | Signature: Jody Partinski | Month: 7 | Day: 2 | Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679124JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134001
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366072
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199496

SCALE 2

Cubic Yards

8166341 — Receipt #
PT0719K PA — Trailer License Plate # and State
GROSS 81020 LB

1067832-02 — Service Req. #
Profile #
PA 242 — Permit #

US BULK TRANSPORT — Transporter Name
161 161B — Tractor/Trailer/Roll-off #
06:31 AM 07/02/13
SCALE 2

TOM WHITEHILL — Driver's Name
LOCKHEED MARTIN — Generator

47640P
21609K

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 551 Time In _____ Time Out
GROSS 33380 LB
09:00 AM 07/02/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679125 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LIS BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, RQ (kg)	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/01/13

read 21609K 8146134
SR 1007832-02
waste ID = soi w/PCBs 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. Signature: [signature] Month: 07 Day: 01 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL Signature: [signature] Month: 07 Day: 01 Year: 13

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski Signature: [signature] Month: 7 Day: 2 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679125JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134101
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366073
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199498 E 2

Cubic Yards

GROSS 80240 LB

06:35 AM 07/02/13
SCALE 2

GROSS 34300 LB

09:12 AM 07/02/13

45940P
20838K

8166 1343
Receipt #

Trailer License Plate # and State

Service Req. #

Profile #

Permit #

US Bulk Transport
Transporter Name

174 [illegible]
Tractor/Trailer/Roll-off #

[illegible] Jackson
Driver's Name

[illegible]
Generator

Scheduled Arrival: Date Time

Actual Arrival: Date 559 Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In Time Out Initials Comments

Stabilization
Time In Time Out Initials Gross Wt. Comments

Landfill
Time In Time Out Initials Comments

Other
Time In Time Out Initials Comments

Aqueous Treatment
Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679126 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGIII RQ KA	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/1/13
recd 20838K 81661343
SR1007832-03
waste ID= Soil W\PCBs QP 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KEN JEFFERY
Signature: [signature]
Month 07 Day 01 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RONALD JACKSON
Signature: Ronald Jackson
Month 07 Day 01 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 2 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679126JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134301
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366075
07/03/13

For questions please call our Customer Service Dept. at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199497

SCALE 1

Cubic Yards

81661342 — Receipt #

XDX 0519 — Trailer License Plate # and State

GROSS 76880 LB

Service Req. # | Profile # | Permit #

U.S. Bulk — Transporter Name

T/C 122/122A — Tractor/Trailer/Roll-off #

06:33 AM 07/02/13

Larry & Jefferson — Driver's Name

Lockheed Martin — Generator

SCALE 2

45380P
20584K

Scheduled Arrival: 7-5-13 — Date; 0600 — Time

GROSS 31500 LB

Actual Arrival: Date; 553 — Time In; Time Out

09:05 AM 07/02/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials; Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In; Time Out; Initials; Comments

Stabilization — Time In; Time Out; Initials; Gross Wt.; Comments

Landfill — Time In; Time Out; Initials; Comments

Other — Time In; Time Out; Initials; Comments

Aqueous Treatment — Time In; Time Out; Signature (NO Initials); Comments

Facility Personnel (please initial)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679127 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ)	1	DT	EST 22,050	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/01/13
recd 20584K 8166134?
SR 1007832-04
waste ID = soil w/PCBs 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffrey
Signature
Month: 07 Day: 01 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kathy K Jespersen
Signature
Month: 7 Day: 1 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 2 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679127JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134201
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366074
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199501

SCALE 1

52
Cubic Yards

GROSS 81460 LB

06:43 AM 07/02/13
SCALE 2

GROSS 34140 LB

09:20 AM 07/02/13

47320P
21464K

8166 1346
Receipt #

AB73966 N.Y.
Trailer License Plate # and State

1007823-5
Service Req. #

Profile #

PA 242
Permit #

US Bulk Tran.
Transporter Name

197-197A
Tractor/Trailer/Roll-off #

Randy Akim
Driver's Name

Lockheed Martin
Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 618 Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679128 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Site Address (if different than mailing address)

Generator's Phone: (410)682-1315

6. Transporter 1 Company Name: US BULK TRANSPORT INC.
U.S. EPA ID Number: MAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KG	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/01/13

recd 21464K 81661346
SR1007823-5
WasteID= soil w/PCBs 98 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: WENDELL A JEFFERY JR.
Signature:
Month: 07 Day: 01 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Randy Akin
Signature:
Month: 07 Day: 01 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 2 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679128JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134601
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366078
07/03/13

For questions please call our Customer Service Dept. at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199503

SCALE 1

Cubic Yards

8166 1348

GROSS 01960 LB

010679129 — Receipt #

1790088 ME — Trailer License Plate # and State

1007823-6 — Service Req. #

Profile #

PA242 — Permit #

06:47 AM 07/02/13

US Bulk Transport Inc. — Transporter Name

174-3/174-C — Tractor/Trailer/Roll-off #

SCALE 2

JEFF HALL — Driver's Name

Lockheed Martin (Middle River) — Generator

49700P
22544K

Scheduled Arrival: _____ Date _____ Time

GROSS 32260 LB

Actual Arrival: _____ Date _____ Time In 1620 _____ Time Out

09:28 AM 07/02/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 773-903-7022
4. Manifest Tracking Number: 010679129 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ) KA	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/01/13
recd 22544K 81661348
SR1007823-6
waste ID = soil w/PCBs QP 7/2/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY, JR
Signature: [signature]
Month 07 Day 01 Year 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JEFFREY HALL
Signature: [signature]
Month 7 Day 1 Year 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: [signature]
Month 7 Day 2 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679129JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134801
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366080
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199502

Cubic Yards

GROSS 79000 LB
06:46 AM 07/02/13
SCALE 2
GROSS 31560 LB
09:22 AM 07/02/13

47440P
21519K

8166 1347 — Receipt #
159004B MI — Trailer License Plate # and State
1007823-7 — Service Req. #
Profile #
PA 242 — Permit #
US Bulk — Transporter Name
176-176A — Tractor/Trailer/Roll-off #
Scott E Green — Driver's Name
Lockheed Martin — Generator

Scheduled Arrival: 7-2-13 — Date; 6:30 — Time

Actual Arrival: 7-2-13 — Date; 619 — Time In; Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679130 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: 4S BULK TRANSPORT, Inc.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids, 9, PGIII RQ KAJ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/01/13

recd 21519K SR1007823-7 81661347
waste ID = soil w/PCBs 9P 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A JEFFERY, JR
Signature: [signature]
Month 07 Day 01 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott E Green
Signature: Scott E Green
Month 07 Day 01 Year 13

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 2 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679130JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134701
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366079
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199524

SCALE 2

Cubic Yards

8166367
Receipt #

Trailer License Plate # and State

GROSS 85120 LB

Service Req. #

Profile #

Permit #

06:46 AM 07/03/13
SCALE 2

Transporter Name

Tractor/Trailer/Roll-off #

Driver's Name

Generator

5160UP
23406k

Scheduled Arrival: Date Time

GROSS 33520 LB

Actual Arrival: Date Time In 634 Time Out

08:22 AM 07/03/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679131 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT INC
U.S. EPA ID Number: PAD987347575

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ KAJ		DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13
recd 23406K
SR1007882-01
waste ID = soil w/PCBs OK 7/3/13
81661367

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

GENERATOR

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY JR
Signature
Month: 07 Day: 02 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Edward Hicks
Signature
Month: 07 Day: 02 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Partinski
Signature: Jody Partinski
Month: 7 Day: 3 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679131JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166136701
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366150
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199530

50
Cubic Yards

SCALE 1

GROSS 75660 LB

07:30 AM 07/03/13

SCALE 2

GROSS 31400 LB

08:41 AM 07/03/13

44260P
20076K

8166137 5 — Receipt #
PT2530 V-Pa — Trailer License Plate # and State
1002832-2 — Service Req. #
304301 — Profile #
NYPA263 — Permit #
Horwith — Transporter Name
403/138 — Tractor/Trailer/Roll-off #
Pete Wittmann — Driver's Name
Lockwood Martin — Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 716 Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679132 JJK

GENERATOR

5. Generator's Name and Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Horwith Trucks Inc
U.S. EPA ID Number: PAD 146714878

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ) KDJ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/02/13
Recd 20076K 8/16/13
SR 1007832-02
waste ID = soil w/PCBs GP 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery, VP
Signature:
Month: 07 Day: 02 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Peter Wittmann
Signature:
Month: 07 Day: 02 Year: 13
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 3 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679132JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137501
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366157
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199526

Cubic Yards

SCALE 1

81661369 — Receipt #
XBM6049 PA — Trailer License Plate # and State

Service Req. # — Profile # — PA242 Permit #

USBULK TRANSPORT INC — Transporter Name
317/317A — Tractor/Trailer/Roll-off #

LARRY L BLOOD JR — Driver's Name
LOCKHEED MARTIN CORP — Generator

GROSS 81400 LB

SCALE 2 AM 07/03/13

GROSS 33740 LB

08:35 AM 07/03/13

47660P
21618K

Scheduled Arrival: Date — Time

Actual Arrival: Date — Time In 6:43 — Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials — Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In — Time Out — Initials — Comments

Stabilization — Time In — Time Out — Initials — Gross Wt. — Comments

Landfill — Time In — Time Out — Initials — Comments

Other — Time In — Time Out — Initials — Comments

Aqueous Treatment — Time In — Time Out — Signature (NO Initials) — Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	973-903-7022	010679133 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT INC. — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ	1	DT	EST. 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13

reed 21618K 8166369
SR1007832-03
waste ID = soil w/ PCBs 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JARKER JR — Signature: [signature] — Month 7 Day 2 Year 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LARRY L BLOOD JR — Signature: [signature] — Month 07 Day 02 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: [signature] — Month 7 Day 3 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679133JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166136901
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366152
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199527

Cubic Yards

SCALE 2

8166 1370 — Receipt #
XHD1784PA — Trailer License Plate # and State

GROSS 85860 LB

1007832-4 — Service Req. #
NY304301 — Profile #
PA242 — Permit #

U.S. Bulk — Transporter Name
311-2/311-2A — Tractor/Trailer/Roll-off #

06:56 AM 07/03/13

Guy H Foltz — Driver's Name
Lockheed — Generator

SCALE 2

50760P
23025K

Scheduled Arrival: _____ Date _____ Time

GROSS 35100 LB

Actual Arrival: _____ Date 6:44 Time In _____ Time Out

08:3 AM 07/03/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials AC _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	973-903-7022	010679134 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Site Address (if different than mailing address)

Generator's Phone: (410)682-1315

6. Transporter 1 Company Name: U.S. Bulk Transport Inc. — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550 — NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KA	1	DT	ESP 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13

reed 23025K
SR1007832-4

8166B70

waste ID = soil w/PCBs 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery, Jr. — Signature — Month 7 Day 2 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Guy H. Fultz — Signature — Month 7 Day 2 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Partinski — Signature — Month 7 Day 3 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679134JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137001
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366153
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199528

Cubic Yards

SCALE 1

8166371 — Receipt #
XBK2195PA — Trailer License Plate # and State

GROSS 82660 LB

1007832-5 — Service Req. #
Profile #
Permit #

USBulk Transport Inc — Transporter Name
311-5311-4A — Tractor/Trailer/Roll-off #

SCALE AM 07/03/13

Scott Goodenow — Driver's Name
Lockheed Martin Corp — Generator

GROSS 34820 LB

47840P
21700K

Scheduled Arrival: Date Time

Actual Arrival: Date Time In 652 Time Out

08:49 AM 07/03/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 773-903-7022
4. Manifest Tracking Number: 010679135 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US Bulk Transport INC
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII, RQ (kg)	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13

recd 21700K 81661371
SR1007832 - 5
waste ID = soil w/PCBs JP 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery Jr
Signature: [signature]
Month 7 Day 2 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott A Goodenow
Signature: [signature]
Month 7 Day 2 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 3 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679135JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137101
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366154
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199533 SCALE 1

Cubic Yards

81661378
Receipt #

XDX6519
Trailer License Plate # and State

GROSS 80060 LB

Service Req. #

Profile #

Permit #

06:06 AM 07/05/13
SCALE 2

U.S. Bulk
Transporter Name

122 100A
Tractor/Trailer/Roll-off #

Driver's Name

Lockheed Martin
Generator

GROSS 31260 LB

48800P
22136K

Scheduled Arrival: Date Time

Actual Arrival: Date Time In 535 Time Out

07:47 AM 07/05/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In Time Out Initials Comments

Stabilization
Time In Time Out Initials Gross Wt. Comments

Landfill
Time In Time Out Initials Comments

Other
Time In Time Out Initials Comments

Aqueous Treatment
Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679136 JJK

5. Generator's Name and Mailing Address
Michael Musheno
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: * U.S. Bulk Transport
U.S. EPA ID Number: * PAD 987 347 515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII RQ (MM)	1	DT	~~EST~~ 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/3/13

recd 22136k
SR1007832-01
81661378
waste ID = soil w/PCBs JP 7/5/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: * Michael Musheno
Signature: * Michael Musheno
Month 7 Day 3 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: * Lanny K Jespersen
Signature: * Lanny K Jespersen
Month 7 Day 3 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature:
Month 7 Day 5 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/05/13 as described on Shipping Document number 010679136JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137801
CWM Unit #: 1*0
Disposal Date: 07/05/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366158
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199535

Cubic Yards

SCALE 1

8166380
Receipt #

PT3789L / PA
Trailer License Plate # and State

GROSS 80660 LB

Service Req. # | Profile # | PA 242
Permit #

US BULK
Transporter Name

133 / 133A
Tractor/Trailer/Roll-off #

DG&D AM 07/05/13
SCALE 2

DAVE CONFER
Driver's Name

LOCKHEED MARTIN
Generator

47760P
21664K

GROSS 32900 LB

Scheduled Arrival: Date | Time

Actual Arrival: Date | Time In 335 | Time Out

07:49 AM 07/05/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify)

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679137 JJK

GENERATOR

5. Generator's Name and Mailing Address:
Michael Mushenо
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: * US BULK TRANSPORT INC
U.S. EPA ID Number: *PAD 987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ M21	1	DT	~~EST~~ 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/3/13
recd 21664K 8166380
SR1007832-02
Waste ID = soil w/PCBs 7/5/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: * Michael Mushenо
Signature: * Michael Mushenо
Month: * 7 Day: 3 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: * DAVE CONFER
Signature: * D C
Month: * 07 Day: 03 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 5 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/05/13 as described on Shipping Document number 010679137JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166138001
CWM Unit #: 1*0
Disposal Date: 07/05/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366160
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199534

SCALE 2

Cubic Yards

81661379	PT0719K PA
Receipt #	Trailer License Plate # and State
1007832-02	PA242
Service Req. # / Profile #	Permit #
US BULK TRANSPORT	161 161R
Transporter Name	Tractor/Trailer/Roll-off #
TOM WHITEHILL	LOCKHEED MARTIN
Driver's Name	Generator

GROSS 86620 LB

06:08 AM 07/05/13
SCALE 2

GROSS 33180 LB

07:43 AM 07/05/13

53440P
24240L

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date _____ Time In 536 _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679138 JJK

5. Generator's Name and Mailing Address
Michael Musheno
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: *US BULK TRANSPORT INC
U.S. EPA ID Number: *PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII ~~PG~~ (MM)	1	DT	~~EST~~ 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/3/13
recd 24240K 81661379
~~SE~~ 1007832-02
Waste ID = soil w/PCBs JP 7/5/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: * Michael Musheno
Signature: * Michael Musheno *
Month 7 Day 3 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: *THOMAS J WHITEHILL
Signature: * Thomas J Whitehill *
Month 7 Day 3 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Qty est actual recd 24240K
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 5 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/05/13 as described on Shipping Document number 010679138JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137901
CWM Unit #: 1*0
Disposal Date: 07/05/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366159
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199551

_____ Cubic Yards

81661395 — Receipt #

PT3789L / PA — Trailer License Plate # and State

GROSS 82580 LB
SCALE 2
06:05 AM 07/10/13
GROSS 32500 LB
07:17 AM 07/10/13

50060P
22707K

_____ Service Req. # | _____ Profile # | PA242 Permit #

US BULK — Transporter Name

133/133A — Tractor/Trailer/Roll-off #

DAVE CONFER — Driver's Name

LOCKHEED MARTIN — Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 5:50am Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In	Time Out	Initials	Comments

Stabilization

Time In	Time Out	Initials	Gross Wt.	Comments

Landfill

Time In	Time Out	Initials	Comments

Other

Time In	Time Out	Initials	Comments

Aqueous Treatment

Time In	Time Out	Signature (NO Initials)	Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify) _____

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or deterpin

_____ Overweight upon arrival

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679139 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: L.B. BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KAJ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/9/13
recd 22707K 81661395
SR 1007832-01
waste ID = Soil w/PCBs @ 7/10/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR.
Signature: Kenneth A. Jeffery Jr.
Month: 07 Day: 09 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVE CONFER
Signature: D—
Month: 7 Day: 9 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 10 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/10/13 as described on Shipping Document number 010679139JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166139501
CWM Unit #: 1*0
Disposal Date: 07/10/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366181
07/11/13

For questions please call our Customer Service Dept. at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199552

_____ *Cubic Yards*

8166396 — *Receipt #*
PT0719K PA — *Trailer License Plate # and State*
GROSS 84680 LB
1007832-02 — *Service Req. #*
_____ *Profile #*
PA 343 — *Permit #*
06:07 AM 07/10/13
US BULK — *Transporter Name*
161 161B — *Tractor/Trailer/Roll-off #*
SCALE 2
52000P
23587K
TOM WHITEHEAD — *Driver's Name*
LOCKHEED MARTIN — *Generator*

Scheduled Arrival: _____ *Date* _____ *Time*

Actual Arrival: _____ *Date* 458 *Time In* _____ *Time Out*
GROSS 32680 LB
07:19 AM 07/10/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ *Initials* _____ *Comments*

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Stabilization _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Gross Wt.* _____ *Comments*

Landfill _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Other _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Aqueous Treatment _____ *Time In* _____ *Time Out* _____ *Signature (NO Initials)* _____ *Comments*

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679140 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ (Kg)	1	DT	EST. 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/9/13
recd 23587 K
SR1007832-02
Waste ID = Soil w/PCBs 07/10/13
81661396

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. Signature: [signature] Month 07 Day 09 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL Signature: [signature] Month 07 Day 09 Year 13
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number
18b. Alternate Facility (or Generator)
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski Signature: Jody Partinski Month 7 Day 10 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/10/13 as described on Shipping Document number 010679140JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166139601
CWM Unit #: 1*0
Disposal Date: 07/10/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366182
07/11/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199561

Cubic Yards

SCALE 2

81661404

Receipt # | Trailer License Plate # and State

GROSS 79440 LB

Service Req. # | Profile # | Permit #

Transporter Name | Tractor/Trailer/Roll-off #

06:10 AM 07/11/13
SCALE 2

Driver's Name | Generator

45940P
20838K

Scheduled Arrival: Date | Time

GROSS 33500 LB

Actual Arrival: Date | Time In 542 | Time Out

07:4[illegible] AM 07/11/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory: Time In | Time Out | Initials | Comments

Stabilization: Time In | Time Out | Initials | Gross Wt. | Comments

Landfill: Time In | Time Out | Initials | Comments

Other: Time In | Time Out | Initials | Comments

Aqueous Treatment: Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679141 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSP. INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, (RQ) kg	1	DT	EST. 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/10/13
need 20838 K
SR1007832-01
81661404
waste ID = soil w/PCBs 7/11/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A JEFFERY, JR.
Signature: Kenneth A. Jeffery Jr
Month: 07 Day: 10 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Edward Hicks
Signature: Edward Hicks
Month: 07 Day: 10 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 11 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/11/13 as described on Shipping Document number 010679141JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166140401
CWM Unit #: 1*0
Disposal Date: 07/11/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366193
07/12/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199559

Cubic Yards

SCALE 1

GROSS 83300 LB

86:07 AM 07/11/13

GROSS 35840 LB

07:36 AM 07/11/13

47460P
21528K

8166140S
Receipt #

237708 NY
Trailer License Plate # and State

Service Req. #

Profile #

PAA42
Permit #

US Bulk Transport
Transporter Name

343342A
Tractor/Trailer/Roll-off #

Driver's Name

Generator

Scheduled Arrival: Date Time

Actual Arrival: Date 520 Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In Time Out Initials Comments

Stabilization
Time In Time Out Initials Gross Wt. Comments

Landfill
Time In Time Out Initials Comments

Other
Time In Time Out Initials Comments

Aqueous Treatment
Time In Time Out Signature (NO Initials) Comments

Facility Personnel (*please initial*)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679142 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD981347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII, RQ	1	DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCMY304301 WID: 53052
OUT OF SERVICE DATE 7/10/13
recd 21528 K 81661403
Waste ID = 501 W PCBs 98 7/11/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY, JR
Signature:
Month: 07 Day: 10 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID TIOMBACK
Signature:
Month: 07 Day: 10 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 10 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/11/13 as described on Shipping Document number 010679142JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166140301
CWM Unit #: 1*0
Disposal Date: 07/11/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366192
07/12/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199562

SCALE 2

Cubic Yards

8166140 6 — Receipt #

PT 3567 P PA — Trailer License Plate # and State

GROSS 83200 LB

Service Req. # — Profile # — PA 242 Permit #

06:19 AM 07/11/13

US Bulk Transport Inc — Transporter Name

130 130A — Tractor/Trailer/Roll-off #

SCALE 2

Charlie Wertz — Driver's Name

Lockheed Martin Corp. — Generator

50040P
22698K

Scheduled Arrival: 7/11/13 — Date; 6:00 — Time

GROSS 33160 LB

Actual Arrival: Date; 546 — Time In; Time Out

07:51 AM 07/11/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials; Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In; Time Out; Initials; Comments

Stabilization — Time In; Time Out; Initials; Gross Wt.; Comments

Landfill — Time In; Time Out; Initials; Comments

Other — Time In; Time Out; Initials; Comments

Aqueous Treatment — Time In; Time Out; Signature (NO Initials); Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	773-903-7022	010679143 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: HS BULK TRANSPORT, INC — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	UN3432, Polychlorinated biphenyls, solids, 9, PGIII, RQ	1	DT	EST: 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/10/13

recd 22698K
SR1007832-03
Waste ID = Soil w/PCBs 9P7/11/13

JK130 8166140
JL130A

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. — Signature — Month 7 Day 10 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Charles Wentz — Signature — Month 7 Day 10 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature — Month 7 Day 11 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/11/13 as described on Shipping Document number 010679143JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166140601
CWM Unit #: 1*0
Disposal Date: 07/11/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366195
07/12/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199587

Cubic Yards

SCALE 2

GROSS 79920 LB

06:24 AM 07/12/13
SCALE 2

GROSS 32640 LB

08:20 AM 07/12/13

47280P
21446K

8/6 614/32 — Receipt #

PT 3789L / PA — Trailer License Plate # and State

Service Req. # | Profile # | PA 242 — Permit #

US BULK — Transporter Name

133 / 133A — Tractor/Trailer/Roll-off #

DAVE CONEGER — Driver's Name

LOCKHEED MARTIN — Generator

Scheduled Arrival: Date | Time

Actual Arrival: Date | 538 Time In | Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-2022
4. Manifest Tracking Number: 010679144 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ) KM	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-11-13
recd 21446K 8166182
SR1007832-01
waste ID = soil w/PCBs QR 7/12/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. Signature: [signature] Month: 7 Day: 11 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVE CONFER Signature: [signature] Month: 7 Day: 11 Year: 13
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski Signature: Jody Partinski Month: 7 Day: 12 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/12/13 as described on Shipping Document number 010679144JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166143201
CWM Unit #: 1*0
Disposal Date: 07/12/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366218
07/15/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199586

Cubic Yards

SCALE 1

GROSS 81240 LB

06:26 AM 07/12/13

SCALE 2

GROSS 32820 LB

08:17 AM 07/12/13

48420P
21963K

8166 1433	PT0719K PA
Receipt #	Trailer License Plate # and State
1007832-02	PA242
Service Req. # / Profile #	Permit #
US BULK	161 161B
Transporter Name	Tractor/Trailer/Roll-off #
TOM WHITEHILL	LOCKHEED MARTIN
Driver's Name	Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 537 Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679145 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ)	1	DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-11-13
recd 21963K 81661433
SR1007832-02
Waste ID = soil w/PCBs 9P 7/12/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR
Signature:
Month: 07 Day: 11 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL
Signature:
Month: 07 Day: 11 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature:
Month: 7 Day: 12 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/12/13 as described on Shipping Document number 010679145JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166143301
CWM Unit #: 1*0
Disposal Date: 07/12/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366219
07/15/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199671

SCALE 1

Cubic Yards

81661516

Receipt # | Trailer License Plate # and State

GROSS 79340 LB

Service Req. # | Profile # | Permit #

Transporter Name | Tractor/Trailer/Roll-off #

Driver's Name | Generator

SCALE 2

GROSS 31420 LB

47920P
21736K

Scheduled Arrival: Date | Time

Actual Arrival: Date | Time In | Time Out

08:25 AM 07/18/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 005997194 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORP.
2323 EASTERN BLVD.
BALT, MD 21220
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987 347515 (KAJ)

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC
1550 BALMER RD
MODEL CITY NY 14107
Facility's Phone:
U.S. EPA ID Number:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ UN3432, POLYCHLORINATED BIPHENYLS SOLIDS, 9. PGIII, RQ	1	PT	EST 22000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
~~1. MDCYN~~ (KAJ) 1. MDCNY304301 WID: 53052 recd 21736K 81661516 SR1007832-03
OUT OF SERVICE DATE 7/17/2013 waste ID = soil w/PCBs 7/18/1

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR.
Signature: [signature]
Month 07 Day 17 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Larry K Jespersen
Signature: [signature]
Month 7 Day 17 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 18 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/18/13 as described on Shipping Document number 005997194JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166151601
CWM Unit #: 1*0
Disposal Date: 07/18/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366293
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199695

Cubic Yards

81661542
Receipt #

PT 6762
Trailer License Plate # and State

GROSS 81640 LB

Service Req. # | Profile # | Permit #

08:08 AM 07/19/13

Transporter Name | Tractor/Trailer/Roll-off #

GROSS 33500 LB

Driver's Name | Generator

48140P
21836K

Scheduled Arrival: Date | Time

08:08 AM 07/19/13

Actual Arrival: Date | 528 Time In | Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010677948 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, (RQ)	1	DT	FA 22,000	K	B007	MX01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052 WASTE ID SOILS WITH PCBS CONT ID # 81661542
OUT OF SERVICE DATE 7-18-13 recd 21836K SR1007832-01

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. Signature: [signature] Month: 07 Day: 18 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Edward Hicks Signature: [signature] Month: 07 Day: 18 Year: 13

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski Signature: [signature] Month: 7 Day: 19 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/19/13 as described on Shipping Document number 010677948JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166154201
CWM Unit #: 1*0
Disposal Date: 07/19/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366317
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199702

50
Cubic Yards

GROSS 83220 LB

81661550
Receipt #

AB73966 N.Y.
Trailer License Plate # and State

06:35 AM 07/19/13
SCALE 2

1007832-02
Service Req. #

Profile #

PA 242
Permit #

US Bulk Transport
Transporter Name

197-197A
Tractor/Trailer/Roll-off #

Randy Akin
Driver's Name

Lock Heed Martin Corp
Generator

GROSS 34580 LB

48720P
22099K

Scheduled Arrival: _____ Date _____ Time

08:37 AM 07/19/13

Actual Arrival: _____ Date _____ Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	973-903-7022	010677949 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, RQ	1	DT	EST 22000	K	B007	MX01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052 WASTE ID SOILS WITH PCBS CONT ID # 81661550
OUT OF SERVICE DATE 7-18-13
recd 22099K SR1007832-02

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY JR — Signature — Month 07 Day 18 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Randy Allen — Signature — Month 07 Day 18 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature — Month 7 Day 19 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/19/13 as described on Shipping Document number 010677949JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166155001
CWM Unit #: 1*0
Disposal Date: 07/19/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366323
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199675

SCALE 1

Cubic Yards

81661520 — Receipt #
PT0719K PA — Trailer License Plate # and State
GROSS 84920 LB
1007832-02 — Service Req. #
Profile #
PA 242 — Permit #
07:03 AM 07/18/13
US BULK TRANSPORT — Transporter Name
161 161B — Tractor/Trailer/Roll-off #
SCALE 2
TOM WHITEHILL — Driver's Name
LOCKHEED MARTIN — Generator
GROSS 33300 LB

51620P
23415K

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 6:46 Time In _____ Time Out 08:44 AM 07/18/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials AC _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679146 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) (VA)	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-17-13
recd 23415K 8166152
SR1007832-02
waste ID = Soil w PCBs 98 7/18/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am tha Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR
Signature
Month 07 Day 17 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL
Signature
Month 07 Day 17 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski
Signature: Jody Partinski
Month 7 Day 18 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/18/13 as described on Shipping Document number 010679146JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166152001
CWM Unit #: 1*0
Disposal Date: 07/18/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366297
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199674

SCALE 2

Cubic Yards

8/66/519 — Receipt #

PT3789L / PA — Trailer License Plate # and State

GROSS 82300 LB

Service Req. # — Profile # — PA 242 Permit #

US BULK — Transporter Name

133/133A — Tractor/Trailer/Roll-off #

07:01 AM 07/18/13
SCALE 2

DAVE CONFER — Driver's Name

LOCKHEED MARTIN — Generator

49640P
22517K

GROSS 32660 LB

Scheduled Arrival: Date — Time

Actual Arrival: Date — 645 Time In — Time Out

08:39 AM 07/18/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials — Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In — Time Out — Initials — Comments

Stabilization — Time In — Time Out — Initials — Gross Wt. — Comments

Landfill — Time In — Time Out — Initials — Comments

Other — Time In — Time Out — Initials — Comments

Aqueous Treatment — Time In — Time Out — Signature (NO Initials) — Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679147 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ UN3432, Polychlorinated biphenyls. solids,9, PGIII RQ (KM)	1	DT	EST 2000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-17-13 EX1007832-01
recd 22517K 81661519
waste ID = soil w/PCBs 7/18/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY JR
Signature: Kenneth A. Jeffrey
Month 07 Day 17 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID CONFER
Signature: [signature]
Month 7 Day 17 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 18 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/18/13 as described on Shipping Document number 010679147JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166151901
CWM Unit #: 1*0
Disposal Date: 07/18/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366296
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

APPENDIX G—NONHAZARDOUS WASTE PROFILE AND MANIFESTS

Form U Supplemental Information

Site Name: Lockheed Martin
Site Address: 2323 Eastern Boulevard
Middle River, MD

Description of Process Generating Waste:

The Lockheed Martin site in Middle River MD has 3 separate areas where trenches will be dug to install a groundwater treatment system. Block E will generate approximately 1200 cubic yards of contaminated non hazardous soil, Block G will generate approximately 1500 cubic yards of contaminated non hazardous soil, and Block I will generate approximately 500 cubic yards of contaminated non hazardous soil.

BLOCK E
Block E housed operations for aircraft manufacturing. The structures on this block were demollshed in the 1970s. Currently situated within this block is a 500,000-gallon above ground fire water tank with pump house. Former processes and specific sources of contamination are unknown and therefore no listed waste codes will be applicable to any waste generated from this area.

This area does contain 4 PCB hot spots where PCBs exceed 50 PPM. The PCB contamination is suspected to have been caused by transformers formerly present at the site. These locations are presented in if **Figure 3.1.** The PCB soil from each location will be over excavated to the surrounding sample location that indicate PCB concentration of 40 ppm or lower. The PCB soil will be transported to Waste Management's Model City NY, Sub Title C facility.

Contaminants found in the Block E soil include polycyclic aromatic hydrocarbons (PAHs), total petroleum hydrocarbons, volatile organic compounds (VOCs), and PCBs.

BLOCK G
Block G housed a sewage treatment plant, vibration test building, and two fuel USTs. These facilities have been removed, but some foundations remain. It has also been used for parking trucks for a long period of time. No listed waste codes will be applicable to any waste generated from this area. VOCs in groundwater have migrated to this block from a waste oil UST located to the north.

Contaminants found in the Block G soil include PAHs and arsenic.

BLOCK I
Block I is within the operating industrial area of the Middle River Complex. This area has been used for industrial purposes since prior to World War 2. Activties have included aircraft and aerospace manufacturing. The excavation associated with this project is taking place in a small area south of Building C, a large, operating industrial building. There are no recognized Environmental Conditions in the immediate vicinity of this excavation.

Sampling of soil in this area has shown the limited presence of PAHs and metals.

Form U Supplemental Information

Waste Classification Sampling Description

BLOCK E

Waste classification analytical results are presented in **Attachment 1** (1 of 2 and 2 of 2) for samples E-DC-SCA-2, E-DC-SCA-3, E-DC-SCA-4, and **Attachment 2** for result E-DC-SCA-1. Sample locations are presented in **Figure 3-3**.

E-DC-SCA-1-(A-E) through E-DC-SCA-4-(A-E)	Soil pre-excavation disposal characterization samples. Four samples required at Block E. Each sample collected as a composite of soils sampled from 0 to 3 ft. bgs in five borings (five-point composite). Each sample is to represent each 500 cubic-yard volume of soils excavated from trench areas. Five borings distributed evenly over each excavation sub-area representing approximately 500 cubic yards. Each sample analyzed for TCLP VOCs (as a grab sample), TCLP base-neutral and acid extractables, TCLP herbicides/pesticides, TCLP metals, PCBs by SW846 Method 8082, and Commonwealth of Pennsylvania "Form U" parameters.

Block G

Waste classification analytical results are presented in **Attachment 2** for samples G-DC-SCA-1, G-DC-SCA-2, G-DC-SCA-3. Sample locations are presented in **Figure 3-5**.

G-DC-SCA-1-(A-E) through G-DC-SCA-3-(A-E) BLOCK G	Soil pre-excavation disposal characterization samples. Three samples required at Block G. Each sample collected as a composite of soils sampled from 0 to 3 ft. bgs in five borings (five-point composite). Each sample is to represent each 500 cubic-yard volume of soils excavated from trench areas. Five borings distributed evenly over each excavation sub-area representing approximately 500 cubic yards. Each sample analyzed for TCLP VOCs (as a grab sample), TCLP base-neutral and acid extractables, TCLP herbicides/pesticides, TCLP metals, PCBs by SW846 Method 8082, and Commonwealth of Pennsylvania "Form U" parameters.

Block I

Block I has not been fully delineated. We will submit the additional data at a later time as an amendment to this application

I-DC-SCA-1-(A-E) BLOCK I	Soil pre-excavation disposal characterization sample. One sample only is required at Block I; it will consist of a composite of soils sampled from 0 to 3 ft. bgs in five borings (five-point composite), representing a 500 cubic-yard soil volume excavated from trench areas.Samples analyzed for TCLP VOCs, TCLP base-neutral and acid extractables, TCLP herbicides/pesticides, TCLP metals, PCBs by SW846 Method 8082, and Commonwealth of Pennsylvania "Form U" parameters.

Signature: _____ Date: June 5, 2013

Printed Name: Thomas D. Bueckert

National Account Customer

WASTE MANAGEMENT

EZ Profile™

Requested Facility: WMPA L/F (GROWS North) ☐ Unsure Profile Number: PAE473997

☐ Check if there are multiple generator locations. Attach locations. ☐ COD ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Lockheed Martin Corporation
2. Site Address: 2323 Eastern Blvd
   (City, State, ZIP) Middle River MD 21220-4207
3. County: Baltimore
4. Contact Name: Thomas Blackman
5. Email: _____
6. Phone: (301) 214-9958 7. Fax: _____
8. Generator EPA ID: _____ ☑ N/A
9. State ID: _____ ☑ N/A

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: AMERICAN WASTE MANAGEMENT SERVICES
2. Billing Address: ONE AMERICAN WAY
   (City, State, ZIP) WARREN OH 44484
3. Contact Name: RHONDA GORA
4. Email: RGORA@AWMSI.COM
5. Phone: (330) 856-8885 6. Fax: (330) 856-8484
7. WM Hauled? ☐ Yes ☐ No
8. P.O. Number: _____

C. MATERIAL INFORMATION

1. Common Name: Non Haz Soil

   Describe Process Generating Material: ☐ See Attached

   Trenches being dug to install a groundwater treatment system at a aircraft/aerospace manufacturer.

2. Material Composition and Contaminants: ☐ See Attached

1. Soil	90 %
2. concrete	5 %
3. asphalt	5 %
4.	
	≥100%

3. State Waste Codes: _____ ☑ N/A
4. Color: brown
5. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☑ N/A (Solid)
7. pH: _____ to _____ ☑ N/A (Solid)
8. Strong Odor: ☐ Yes ☑ No Describe: _____
9. Flash Point: ☐ <140°F ☐ 140°–199°F ☐ ≥200° ☑ N/A (Solid)

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☑ No
   Code: _____
2. State Hazardous Waste? ☐ Yes ☑ No
   Code: _____
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☑ No
5. Contains benzene **and** subject to Benzene NESHAP? ☐ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☑ No
8. NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☑ Yes ☐ No
   a. Regulated by 40 CFR 761? ☑ Yes ☐ No
   b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☑ No
   c. Were PCB imported into the US? ☐ Yes ☑ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☑ No
11. Contains Asbestos? ☐ Yes ☑ No
    → If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☐ Yes

   Please identify applicable samples and/or lab reports:

2. Other information attached (such as MSDS)? ☐ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 3000
   ☐ Tons ☑ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: Bulk
4. USDOT Proper Shipping Name: ☐ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 – Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

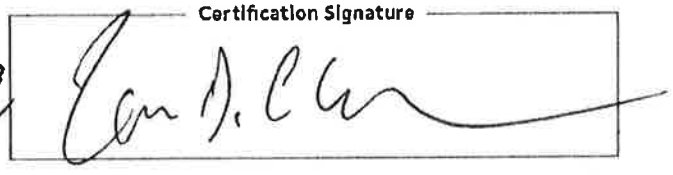
If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Thomas D. Blackman Date: 6/5/2013

Title: Project Lead, Env. Remediation

Company: Lockheed Martin Corp.

Certification Signature



THINK GREEN!

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Last Revised April 26, 2013

©2013 Waste Management, Inc

Certificate of Non-hazardous Waste

I, the undersigned, being duly authorized by my company certify that the wastestream(s) we are disposing at the G.R.O.W.S. Landfill, G.R.O.W.S. North Landfill, Tullytown Resource Recovery Facility, Mountain View Reclamation Landfill, Alliance Sanitary Landfill, Grand Central Sanitary Landfill, Pine Grove Landfill and/or the Phoenix Resources Landfill is/are not a characteristic hazardous waste as defined in 40 CFR, Sections 261.20 to 261.24, and/or is not a listed hazardous waste as defined in 40 CFR, Sections 261.30 to 261.34. Furthermore, based on generator's knowledge of the company's process, TCLP and Total Characteristics not tested for are known not to be present in the concentrations equal to or greater than the value specified in the TC Rule 40 CFR Part 261.24.

Signature: _____ Date: 06/04/2013

Printed Name: Thomas Blackman

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Profile Amendment Request Form

John Zwahl (American Waste Management Services, Inc) hereby requests an amendment to WMI profile #: 47399PAE
(Contact Name)

to include the following:

Amendment Type: ❑ XOne Time Only Request (Event) ❑ Permanent Addition to Profile (Base)

❑ Additional Analytical/MSDS to be added to profile (see attached)

❑ Volume Increase (specify volume) 200 yards ❑ Tons ❑ Cubic Yards ❑ Drums ❑ Gallons ❑ Other (specify) _____

❑ Constituent(s) to be added and/or modify current range in chemical composition:

Chemicals or constituents to be added/modify	Low	High	Units

❑ Change current ranges on profile (specify below)

pH Range _____ to _____ Free Liquid Range 0 to _____

❑ X Other (specify) This request is for Block I which was not completely classified and therefore not ready for inclusion in the initial approval request. The Table A parameters For Block I (minus the VOC data) was provided with the initial submittal in report J23344-1 Std_Tal_14 (sample: I-DC-SCA-1). The recently

Collected VOC data for Block I is attached in report J30141-1 Std_Tal_L3. The sample representative for Block is I-DC-SCA-2

GENERATOR CERTIFICATION

By signing this form, the Generator hereby certifies:
The information provided in this document, the referenced Waste Management Generator's Waste Profile Sheet, and all other referenced documents contain true and accurate descriptions of the waste material. All information regarding known or suspected hazards in the possession of the Generator has been disclosed.

Generator/Customer Signature: _____ Date: December 4, 2013

Company Name: Lockheed Martin Corporation

Name (Print): Thomas D. Blackman Title: Project Lead, Environmental Remediation

FOR WASTE MANAGEMENT USE ONLY

Submitted By: _____ Date: _____ Time: _____
(W.M. Initials)

WM Approval: _____ ❑ ❑ Date: _____

Agency Approval Required: Yes No ❑ ❑

Profile Extension

Original Expiration Date _____

Requested Extension _____

New Expiration Date _____

Analytical Extension

Analytical Due Date

Requested Extension

New Analytical Due Date _____

Conditions/Precautions: _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-30141-1

Job Description: MRC Soil Remediation

For:
Tetra Tech, Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Attention: Tony Apanavage

Approved for release.
John McFadden
Project Manager I
10/29/2013 9:08 AM

John McFadden, Project Manager I
4101 Shuffel Street NW, North Canton, OH, 44720
john.mcfadden@testamericainc.com
10/29/2013

cc: Samantha Brenner
Ms. Kelly Carper
Vanessa Good
Tobrena Sedlmyer
Final Data Tracking

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

Table of Contents

Cover Title Page 1

Data Summaries 4

Report Narrative 4

Sample Summary 6

Executive Summary 7

Method Summary 8

Method / Analyst Summary 9

Sample Datasheets 10

Surrogate Summary 15

QC Data Summary 19

Data Qualifiers 39

QC Association Summary 40

Lab Chronicle 41

Reagent Traceability 43

Certification Summary 78

Organic Sample Data 79

GC/MS VOA 79

Method 8260C 79

Method 8260C QC Summary 80

Method 8260C Sample Data 108

Standards Data 114

Method 8260C ICAL Data 114

Method 8260C CCAL Data 142

Raw QC Data 158

Method 8260C Blank Data 158

Method 8260C LCS/LCSD Data 164

Table of Contents

Method 8260C MS/MSD Data 173

Method 8260C Run Logs 183

Method 8260C Prep Data 187

Inorganic Sample Data 188

General Chemistry Data 188

Gen Chem Cover Page 189

Gen Chem MDL 190

Gen Chem Analysis Run Log 192

Gen Chem Prep Data 195

Shipping and Receiving Documents 196

Client Chain of Custody 197

CASE NARRATIVE

Client: Tetra Tech, Inc.

Project: MRC Soil Remediation

Report Number: 240-30141-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 10/11/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.6 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample I-DC-SCA-2 (240-30141-1) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 10/21/2013.

The continuing calibration verification (CCV) for analytical batch 106475 recovered outside control limits for 2-Methyl-2-propanol, Chloroethane, Chloromethane, 1,2-Dichloroethane, Trichlorofluoromethane, and Bromomethane. The data have been qualified and reported.

The laboratory control sample for batch 106475 recovered outside control limits for the following analyte(s): Chloroethane, Trichlorofluoromethane, and Bromomethane. These compounds have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The 8260C LCS (LCS 240-106475/5) failed low for Styrene in batch 106475. The MRL for the 8260C method recovered Styrene at the reporting limit and there was no reportable concentrations in the samples. The data have been qualified and reported.

No other difficulties were encountered during the VOCs analysis. All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample TB-101013 (240-30141-2) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 10/15/2013.

Acetone was detected in method blank MB 240-105630/8 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 105630 recovered outside control limits for Hexachlorobutadiene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) for Dichlorodifluoromethane, 2,2-Dichloropropane, and Hexachlorobutadiene associated with batch 105630 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) for analytical batch 105630 exceeded control criteria for 2-Hexanone, 2-Chloroethyl vinyl ether, and Napthalene. The samples associated with this CCV were non-detects for the affected analytes. A low level CCV, at or below the reporting limit (MRL), was analyzed and the affected compounds were detected; therefore the data is okay to report per SOP.

No other difficulties were encountered during the VOCs analysis. All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Sample I-DC-SCA-2 (240-30141-1) was analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 10/14/2013.

No difficulties were encountered during the % solids analysis. All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-30141-1	I-DC-SCA-2	Solid	10/10/2013 1145	10/11/2013 0920
240-30141-2	TB-101013	Water	10/10/2013 0000	10/11/2013 0920

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-30141-1	**I-DC-SCA-2**					
2-Butanone		2.3	J	20	ug/Kg	8260C
p-Isopropyltoluene		0.63	J	5.1	ug/Kg	8260C
Acetone		20		20	ug/Kg	8260C
Naphthalene		0.45	J	5.1	ug/Kg	8260C
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-30141-2	**TB-101013**					
Carbon disulfide		0.48	J	1.0	ug/L	8260C
Chloroform		0.58	J	1.0	ug/L	8260C
Trichloroethene		1.2		1.0	ug/L	8260C

METHOD SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Percent Moisture	TAL CAN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Method	Analyst	Analyst ID
SW846 8260C	Macenczak, Steven	SAM
SW846 8260C	Quayle, Rick	RJQ
EPA Moisture	Burns, Jill	JMB

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Client Sample ID: **I-DC-SCA-2**

Lab Sample ID: 240-30141-1 Date Sampled: 10/10/2013 1145
Client Matrix: Solid % Moisture: 11.8 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-106487	Lab File ID:	145428.D
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	10/21/2013 2100			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1759				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		5.1	U	0.63	5.1
1,1,1-Trichloroethane		5.1	U	0.57	5.1
1,1,2,2-Tetrachloroethane		5.1	U	0.35	5.1
1,1,2-Trichloro-1,2,2-trichfluoroethane		5.1	U	1.3	5.1
1,1-Dichloroethane		5.1	U	0.37	5.1
1,1-Dichloroethene		5.1	U	0.53	5.1
1,1-Dichloropropene		5.1	U	0.31	5.1
1,2,3-Trichlorobenzene		5.1	U	0.39	5.1
1,2,3-Trichloropropane		5.1	U	0.92	5.1
1,2,3-Trimethylbenzene		5.1	U	0.17	5.1
1,2,4-Trichlorobenzene		5.1	U	0.28	5.1
1,2,4-Trimethylbenzene		5.1	U	0.66	5.1
1,2-Dibromo-3-Chloropropane		10	U	1.3	10
1,2-Dichlorobenzene		5.1	U	0.37	5.1
1,2-Dichloroethane		5.1	U	0.35	5.1
1,2-Dichloropropane		5.1	U	0.70	5.1
1,3-Dichlorobenzene		5.1	U	0.36	5.1
1,3-Dichloropropane		5.1	U	0.35	5.1
1,4-Dichlorobenzene		5.1	U	0.67	5.1
2,2-Dichloropropane		5.1	U	0.96	5.1
2-Butanone		2.3	J	1.4	20
2-Chloroethyl vinyl ether		51	U	1.4	51
2-Chlorotoluene		5.1	U	0.41	5.1
2-Hexanone		20	U	0.64	20
4-Chlorotoluene		5.1	U	0.42	5.1
p-Isopropyltoluene		0.63	J	0.21	5.1
4-Methyl-2-pentanone		20	U	0.55	20
Acetone		20		6.4	20
Benzene		5.1	U	0.23	5.1
Bromobenzene		5.1	U	0.34	5.1
Bromoform		5.1	U	0.34	5.1
Bromomethane		5.1	U *	0.55	5.1
Carbon disulfide		5.1	U	0.45	5.1
Carbon tetrachloride		5.1	U	0.38	5.1
Chlorobenzene		5.1	U	0.34	5.1
Dibromochloromethane		5.1	U	0.56	5.1
Chloroethane		5.1	U *	0.88	5.1
Chloroform		5.1	U	0.30	5.1
Chloromethane		5.1	U	0.42	5.1
cis-1,2-Dichloroethene		5.1	U	0.37	5.1
cis-1,3-Dichloropropene		5.1	U	0.35	5.1
Dibromomethane		5.1	U	0.64	5.1
Bromochloromethane		5.1	U	0.72	5.1
Dichlorodifluoromethane		5.1	U	0.51	5.1
Bromodichloromethane		5.1	U	0.29	5.1
tert-Butyl alcohol		200	U	7.8	200

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Client Sample ID: **I-DC-SCA-2**

Lab Sample ID: 240-30141-1 Date Sampled: 10/10/2013 1145
Client Matrix: Solid % Moisture: 11.8 Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-106487	Lab File ID:	145428.D
Dilution:	1.0			Initial Weight/Volume:	5.56 g
Analysis Date:	10/21/2013 2100			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1759				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		5.1	U	0.27	5.1
Hexachlorobutadiene		5.1	U	1.2	5.1
Diisopropyl ether		10	U	1.5	10
Isopropylbenzene		5.1	U	0.16	5.1
Methyl tert-butyl ether		5.1	U	0.44	5.1
Methylene Chloride		5.1	U	0.68	5.1
m-Xylene & p-Xylene		10	U	1.2	10
Naphthalene		0.45	J	0.19	5.1
n-Butylbenzene		5.1	U	0.23	5.1
n-Propylbenzene		5.1	U	0.41	5.1
o-Xylene		5.1	U	0.36	5.1
sec-Butylbenzene		5.1	U	0.18	5.1
Styrene		5.1	U *	0.15	5.1
Tert-amyl-methyl ether (TAME)		5.1	U	0.38	5.1
Ethyl-t-butyl ether (ETBE)		5.1	U	0.22	5.1
Tetrachloroethene		5.1	U	0.53	5.1
Toluene		5.1	U	0.28	5.1
trans-1,2-Dichloroethene		5.1	U	0.42	5.1
trans-1,3-Dichloropropene		5.1	U	0.55	5.1
Trichloroethene		5.1	U	0.43	5.1
Trichlorofluoromethane		5.1	U *	0.35	5.1
Vinyl acetate		10	U	0.25	10
Vinyl chloride		5.1	U	0.40	5.1
Xylenes, Total		10	U	0.36	10
tert-Butylbenzene		5.1	U	0.30	5.1
1,2-Dibromoethane		5.1	U	0.51	5.1

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	88		67 - 125
Dibromofluoromethane (Surr)	79		37 - 132
4-Bromofluorobenzene (Surr)	84		52 - 136
1,2-Dichloroethane-d4 (Surr)	68		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Client Sample ID: **TB-101013**

Lab Sample ID: 240-30141-2 Date Sampled: 10/10/2013 0000
Client Matrix: Water Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1021.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1839			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1839				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.23	1.0
1,1,1-Trichloroethane	1.0	U	0.22	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	1.0	U	0.28	1.0
1,1-Dichloroethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloropropene	1.0	U	0.13	1.0
1,2,3-Trichlorobenzene	1.0	U	0.17	1.0
1,2,3-Trichloropropane	1.0	U	0.43	1.0
1,2,3-Trimethylbenzene	5.0	U	0.0059	5.0
1,2,4-Trichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trimethylbenzene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	2.0	U	0.67	2.0
1,2-Dichlorobenzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.22	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,3-Dichloropropane	1.0	U	0.16	1.0
1,4-Dichlorobenzene	1.0	U	0.13	1.0
2,2-Dichloropropane	1.0	U	0.13	1.0
2-Butanone	10	U	0.57	10
2-Chloroethyl vinyl ether	10	U	0.99	10
2-Chlorotoluene	1.0	U	0.11	1.0
2-Hexanone	10	U	0.41	10
4-Chlorotoluene	1.0	U	0.18	1.0
p-Isopropyltoluene	1.0	U	0.12	1.0
4-Methyl-2-pentanone	10	U	0.32	10
Acetone	10	U	1.1	10
Benzene	1.0	U	0.13	1.0
Bromobenzene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.64	1.0
Bromomethane	1.0	U	0.41	1.0
Carbon disulfide	0.48	J	0.13	1.0
Carbon tetrachloride	1.0	U	0.13	1.0
Chlorobenzene	1.0	U	0.15	1.0
Dibromochloromethane	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.29	1.0
Chloroform	0.58	J	0.16	1.0
Chloromethane	1.0	U	0.30	1.0
cis-1,2-Dichloroethene	1.0	U	0.17	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Dibromomethane	1.0	U	0.28	1.0
Bromochloromethane	1.0	U	0.29	1.0
Dichlorodifluoromethane	1.0	U	0.31	1.0
Bromodichloromethane	1.0	U	0.15	1.0
tert-Butyl alcohol	50	U	3.9	50

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Client Sample ID: **TB-101013**

Lab Sample ID: 240-30141-2 Date Sampled: 10/10/2013 0000
Client Matrix: Water Date Received: 10/11/2013 0920

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXM1021.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1839			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1839				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	1.0	U	0.17	1.0
Hexachlorobutadiene	1.0	U *	0.30	1.0
Diisopropyl ether	10	U	1.5	10
Isopropylbenzene	1.0	U	0.13	1.0
Methyl tert-butyl ether	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.33	1.0
m-Xylene & p-Xylene	2.0	U	0.24	2.0
Naphthalene	1.0	U	0.24	1.0
n-Butylbenzene	1.0	U	0.12	1.0
n-Propylbenzene	1.0	U	0.14	1.0
o-Xylene	1.0	U	0.14	1.0
sec-Butylbenzene	1.0	U	0.13	1.0
Styrene	1.0	U	0.11	1.0
Tert-amyl-methyl ether (TAME)	5.0	U	0.067	5.0
Ethyl-t-butyl ether (ETBE)	5.0	U	0.11	5.0
Tetrachloroethene	1.0	U	0.29	1.0
Toluene	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.19	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.2		0.17	1.0
Trichlorofluoromethane	1.0	U	0.21	1.0
Vinyl acetate	2.0	U	0.19	2.0
Vinyl chloride	1.0	U	0.22	1.0
Xylenes, Total	2.0	U	0.14	2.0
tert-Butylbenzene	1.0	U	0.13	1.0
1,2-Dibromoethane	1.0	U	0.24	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	90		74 - 115
Dibromofluoromethane (Surr)	97		75 - 121
4-Bromofluorobenzene (Surr)	81		66 - 117
1,2-Dichloroethane-d4 (Surr)	92		63 - 129

General Chemistry

Client Sample ID: **I-DC-SCA-2**

Lab Sample ID: 240-30141-1 Date Sampled: 10/10/2013 1145

Client Matrix: Solid Date Received: 10/11/2013 0920

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-105425	Analysis Date: 10/14/2013 1233						DryWt Corrected: N

Client: Tetra Tech, Inc.

Job Number: 240-30141-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-106475/6		75	67	87	85
MRL 240-106475/7		76	67	86	84

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150

Client: Tetra Tech, Inc.

Job Number: 240-30141-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-30141-1	I-DC-SCA-2	79	68	88	84
MB 240-106475/8		77	68	85	79
LCS 240-106475/5		76	65	83	87
240-30066-D-3-C MS		76	66	86	86
240-30066-D-3-D MSD		78	69	92	89

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Client: Tetra Tech, Inc.

Job Number: 240-30141-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-105630/5		98	93	94	85

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150

Client: Tetra Tech, Inc.

Job Number: 240-30141-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-30141-2	TB-101013	97	92	90	81
MB 240-105630/8		97	93	95	85
LCS 240-105630/6		90	84	91	83
240-29975-B-2 MS		95	90	92	86
240-29975-B-2 MSD		99	91	100	90

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115
BFB = 4-Bromofluorobenzene (Surr)	66-117

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Method Blank - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-105630/8	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1342	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1342				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	1.0	U	0.23	1.0
1,1,1-Trichloroethane	1.0	U	0.22	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.18	1.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	1.0	U	0.28	1.0
1,1-Dichloroethane	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloropropene	1.0	U	0.13	1.0
1,2,3-Trichlorobenzene	1.0	U	0.17	1.0
1,2,3-Trichloropropane	1.0	U	0.43	1.0
1,2,3-Trimethylbenzene	5.0	U	0.0059	5.0
1,2,4-Trichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trimethylbenzene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	2.0	U	0.67	2.0
1,2-Dichlorobenzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.22	1.0
1,2-Dichloropropane	1.0	U	0.18	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,3-Dichloropropane	1.0	U	0.16	1.0
1,4-Dichlorobenzene	1.0	U	0.13	1.0
2,2-Dichloropropane	1.0	U	0.13	1.0
2-Butanone	10	U	0.57	10
2-Chloroethyl vinyl ether	10	U	0.99	10
2-Chlorotoluene	1.0	U	0.11	1.0
2-Hexanone	10	U	0.41	10
4-Chlorotoluene	1.0	U	0.18	1.0
p-Isopropyltoluene	1.0	U	0.12	1.0
4-Methyl-2-pentanone	10	U	0.32	10
Acetone	2.38	J	1.1	10
Benzene	1.0	U	0.13	1.0
Bromobenzene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.64	1.0
Bromomethane	1.0	U	0.41	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.13	1.0
Chlorobenzene	1.0	U	0.15	1.0
Dibromochloromethane	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.29	1.0
Chloroform	1.0	U	0.16	1.0
Chloromethane	1.0	U	0.30	1.0
cis-1,2-Dichloroethene	1.0	U	0.17	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Dibromomethane	1.0	U	0.28	1.0
Bromochloromethane	1.0	U	0.29	1.0
Dichlorodifluoromethane	1.0	U	0.31	1.0
Bromodichloromethane	1.0	U	0.15	1.0

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Method Blank - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-105630/8	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1342	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1342				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol	50	U	3.9	50
Ethylbenzene	1.0	U	0.17	1.0
Hexachlorobutadiene	1.0	U	0.30	1.0
Diisopropyl ether	10	U	1.5	10
Isopropylbenzene	1.0	U	0.13	1.0
Methyl tert-butyl ether	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.33	1.0
m-Xylene & p-Xylene	2.0	U	0.24	2.0
Naphthalene	1.0	U	0.24	1.0
n-Butylbenzene	1.0	U	0.12	1.0
n-Propylbenzene	1.0	U	0.14	1.0
o-Xylene	1.0	U	0.14	1.0
sec-Butylbenzene	1.0	U	0.13	1.0
Styrene	1.0	U	0.11	1.0
Tert-amyl-methyl ether (TAME)	5.0	U	0.067	5.0
Ethyl-t-butyl ether (ETBE)	5.0	U	0.11	5.0
Tetrachloroethene	1.0	U	0.29	1.0
Toluene	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.19	1.0
trans-1,3-Dichloropropene	1.0	U	0.19	1.0
Trichloroethene	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.21	1.0
Vinyl acetate	2.0	U	0.19	2.0
Vinyl chloride	1.0	U	0.22	1.0
Xylenes, Total	2.0	U	0.14	2.0
tert-Butylbenzene	1.0	U	0.13	1.0
1,2-Dibromoethane	1.0	U	0.24	1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	74 - 115
Dibromofluoromethane (Surr)	97	75 - 121
4-Bromofluorobenzene (Surr)	85	66 - 117
1,2-Dichloroethane-d4 (Surr)	93	63 - 129

Method Reporting Limit Check - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MRL 240-105630/5	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1236	Units:	ng/uL	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1236				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Chloroethyl vinyl ether	0.00200	10	140	10 - 150	U
2-Hexanone	0.0100	10	88	10 - 150	U
Naphthalene	0.00100	1.0	133	10 - 150	U

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	10 - 150
Dibromofluoromethane (Surr)	98	10 - 150
4-Bromofluorobenzene (Surr)	85	10 - 150
1,2-Dichloroethane-d4 (Surr)	93	10 - 150

Lab Control Sample - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-105630/6	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1258	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1258				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	25.0	26.1	104	72 - 116	
1,1,1-Trichloroethane	25.0	27.3	109	74 - 118	
1,1,2,2-Tetrachloroethane	25.0	21.2	85	68 - 118	
1,1,2-Trichloro-1,2,2-trichfluoroethane	25.0	25.1	100	74 - 151	
1,1-Dichloroethane	25.0	24.6	98	82 - 115	
1,1-Dichloroethene	25.0	24.4	98	78 - 131	
1,1-Dichloropropene	25.0	27.7	111	83 - 114	
1,2,3-Trichlorobenzene	25.0	23.7	95	54 - 126	
1,2,3-Trichloropropane	25.0	23.0	92	73 - 129	
1,2,4-Trichlorobenzene	25.0	23.8	95	48 - 135	
1,2,4-Trimethylbenzene	25.0	24.5	98	76 - 120	
1,2-Dibromo-3-Chloropropane	25.0	21.7	87	42 - 136	
1,2-Dichlorobenzene	25.0	23.0	92	81 - 110	
1,2-Dichloroethane	25.0	23.7	95	71 - 127	
1,2-Dichloropropane	25.0	23.9	96	81 - 115	
1,3-Dichlorobenzene	25.0	23.1	92	80 - 110	
1,3-Dichloropropane	25.0	21.5	86	79 - 116	
1,4-Dichlorobenzene	25.0	22.3	89	82 - 110	
2,2-Dichloropropane	25.0	29.1	116	50 - 129	
2-Butanone	50.0	40.8	82	60 - 126	
2-Chloroethyl vinyl ether	30.0	23.1	77	52 - 131	
2-Chlorotoluene	25.0	23.8	95	76 - 116	
2-Hexanone	50.0	37.4	75	55 - 133	

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Lab Control Sample - Batch: 240-105630

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-105630/6	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 1258	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 1258				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Chlorotoluene	25.0	23.7	95	77 - 115	
p-Isopropyltoluene	25.0	26.8	107	74 - 120	
4-Methyl-2-pentanone	50.0	41.5	83	63 - 128	
Acetone	50.0	47.2	94	43 - 136	
Benzene	25.0	24.5	98	83 - 112	
Bromobenzene	25.0	23.0	92	76 - 115	
Bromoform	25.0	20.6	83	40 - 131	
Bromomethane	25.0	24.6	98	11 - 185	
Carbon disulfide	25.0	26.3	105	62 - 142	
Carbon tetrachloride	25.0	25.9	104	66 - 128	
Chlorobenzene	25.0	22.9	92	85 - 110	
Dibromochloromethane	25.0	21.3	85	64 - 119	
Chloroethane	25.0	23.5	94	25 - 153	
Chloroform	25.0	24.3	97	79 - 117	
Chloromethane	25.0	23.6	94	44 - 126	
cis-1,2-Dichloroethene	25.0	24.2	97	80 - 113	
cis-1,3-Dichloropropene	25.0	25.1	101	61 - 115	
Dibromomethane	25.0	24.4	98	81 - 120	
Bromochloromethane	25.0	23.9	96	77 - 120	
Dichlorodifluoromethane	25.0	27.5	110	19 - 129	
Bromodichloromethane	25.0	25.0	100	72 - 121	
tert-Butyl alcohol	250	214	86	70 - 130	
Ethylbenzene	25.0	24.0	96	83 - 112	
Hexachlorobutadiene	25.0	37.5	150	36 - 134	*
Isopropylbenzene	25.0	26.8	107	75 - 114	
Methyl tert-butyl ether	25.0	22.0	88	52 - 144	
Methylene Chloride	25.0	21.2	85	66 - 131	
m-Xylene & p-Xylene	25.0	23.9	95	83 - 113	
Naphthalene	25.0	18.9	76	32 - 141	
n-Butylbenzene	25.0	25.5	102	66 - 125	
n-Propylbenzene	25.0	24.2	97	74 - 121	
o-Xylene	25.0	24.2	97	83 - 113	
sec-Butylbenzene	25.0	26.6	106	70 - 117	
Styrene	25.0	24.1	96	79 - 114	
Tetrachloroethene	25.0	25.4	102	79 - 114	
Toluene	25.0	24.1	96	84 - 111	
trans-1,2-Dichloroethene	25.0	25.3	101	83 - 117	
trans-1,3-Dichloropropene	25.0	22.0	88	58 - 117	
Trichloroethene	25.0	26.1	104	76 - 117	
Trichlorofluoromethane	25.0	27.0	108	49 - 157	
Vinyl acetate	40.0	37.0	92	46 - 161	
Vinyl chloride	25.0	23.9	96	53 - 127	
Xylenes, Total	50.0	48.1	96	83 - 112	
tert-Butylbenzene	25.0	25.6	102	71 - 115	
1,2-Dibromoethane	25.0	22.9	92	79 - 113	

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	91	74 - 115
Dibromofluoromethane (Surr)	90	75 - 121
4-Bromofluorobenzene (Surr)	83	66 - 117
1,2-Dichloroethane-d4 (Surr)	84	63 - 129

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105630

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-29975-B-2 MS	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 2052			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 2052				
Leach Date:	N/A				

MSD Lab Sample ID:	240-29975-B-2 MSD	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 2114			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 2114				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	104	119	64 - 118	13	30		F
1,1,1-Trichloroethane	110	122	68 - 121	11	30		F
1,1,2,2-Tetrachloroethane	83	90	63 - 122	8	30		
1,1,2-Trichloro-1,2,2-trichfluoroethane	100	109	70 - 152	9	30		
1,1-Dichloroethane	96	112	79 - 116	15	30		
1,1-Dichloroethene	96	110	74 - 135	13	30		
1,1-Dichloropropene	108	119	80 - 114	9	30		F
1,2,3-Trichlorobenzene	91	105	45 - 129	14	30		
1,2,3-Trichloropropane	92	99	67 - 132	8	30		
1,2,4-Trichlorobenzene	84	99	38 - 138	16	30		
1,2,4-Trimethylbenzene	90	104	67 - 124	14	30		
1,2-Dibromo-3-Chloropropane	89	90	32 - 139	1	30		
1,2-Dichlorobenzene	89	101	75 - 111	13	30		
1,2-Dichloroethane	101	112	68 - 129	10	30		
1,2-Dichloropropane	96	107	78 - 115	11	30		
1,3-Dichlorobenzene	86	100	73 - 110	14	30		
1,3-Dichloropropane	87	97	74 - 118	10	30		
1,4-Dichlorobenzene	84	97	75 - 110	14	30		
2,2-Dichloropropane	110	123	38 - 127	11	30		
2-Butanone	83	83	54 - 129	0	30		
2-Chloroethyl vinyl ether	0	0	10 - 150	NC	30	U F	U F
2-Chlorotoluene	90	103	69 - 117	13	30		
2-Hexanone	70	80	47 - 139	13	30		
4-Chlorotoluene	86	101	71 - 116	16	30		
p-Isopropyltoluene	97	110	64 - 122	13	30		
4-Methyl-2-pentanone	83	88	56 - 131	7	30		
Acetone	81	81	33 - 145	1	30		
Benzene	99	110	72 - 121	11	30		
Bromobenzene	88	104	71 - 116	16	30		
Bromoform	85	90	32 - 128	6	30		
Bromomethane	101	113	10 - 186	12	30		
Carbon disulfide	103	118	57 - 147	13	30		
Carbon tetrachloride	102	116	59 - 129	12	30		

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105630

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-29975-B-2 MS	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 2052			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 2052				
Leach Date:	N/A				

MSD Lab Sample ID:	240-29975-B-2 MSD	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 2114			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 2114				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chlorobenzene	90	105	80 - 110	15	30		
Dibromochloromethane	89	98	56 - 118	10	30		
Chloroethane	97	109	21 - 165	11	30		
Chloroform	100	113	76 - 118	12	30		
Chloromethane	95	110	33 - 132	15	30		
cis-1,2-Dichloroethene	97	111	70 - 120	13	30		
cis-1,3-Dichloropropene	96	109	51 - 110	13	30		
Dibromomethane	102	111	77 - 121	9	30		
Bromochloromethane	99	110	73 - 121	11	30		
Dichlorodifluoromethane	123	136	17 - 128	10	30		F
Bromodichloromethane	101	114	67 - 120	11	30		
tert-Butyl alcohol	87	88	70 - 130	2	30		
Ethylbenzene	93	107	75 - 116	14	30		
Hexachlorobutadiene	131	146	27 - 132	10	30		F
Isopropylbenzene	104	115	68 - 116	10	30		
Methyl tert-butyl ether	88	97	46 - 144	10	30		
Methylene Chloride	85	99	63 - 128	16	30		
m-Xylene & p-Xylene	92	105	75 - 117	14	30		
Naphthalene	74	85	15 - 158	13	30		
n-Butylbenzene	88	99	56 - 127	12	30		
n-Propylbenzene	88	102	64 - 124	14	30		
o-Xylene	97	109	76 - 116	12	30		
sec-Butylbenzene	96	109	60 - 119	13	30		
Styrene	94	107	71 - 117	14	30		
Tetrachloroethene	98	110	70 - 117	12	30		
Toluene	95	108	78 - 114	13	30		
trans-1,2-Dichloroethene	101	116	80 - 119	14	30		
trans-1,3-Dichloropropene	87	99	46 - 116	13	30		
Trichloroethene	94	112	66 - 120	12	30		
Trichlorofluoromethane	115	127	46 - 157	10	30		
Vinyl acetate	80	91	43 - 157	13	30		
Vinyl chloride	98	113	49 - 130	14	30		
Xylenes, Total	94	107	76 - 116	13	30		

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105630

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-29975-B-2 MS	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 2052			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 2052				
Leach Date:	N/A				

MSD Lab Sample ID:	240-29975-B-2 MSD	Analysis Batch:	240-105630	Instrument ID:	A3UX16
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXM1028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/15/2013 2114			Final Weight/Volume:	10 mL
Prep Date:	10/15/2013 2114				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
tert-Butylbenzene	94	108	61 - 119	14	30		
1,2-Dibromoethane	93	102	74 - 113	9	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	100	74 - 115
Dibromofluoromethane (Surr)	95	99	75 - 121
4-Bromofluorobenzene (Surr)	86	90	66 - 117
1,2-Dichloroethane-d4 (Surr)	90	91	63 - 129

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105630

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-29975-B-2 MS	Units:	ug/L	MSD Lab Sample ID:	240-29975-B-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/15/2013 2052			Analysis Date:	10/15/2013 2114
Prep Date:	10/15/2013 2052			Prep Date:	10/15/2013 2114
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1,2-Tetrachloroethane	1.0	U	25.0	25.0	26.1		29.7	F
1,1,1-Trichloroethane	1.0	U	25.0	25.0	27.5		30.6	F
1,1,2,2-Tetrachloroethane	1.0	U	25.0	25.0	20.7		22.5	
1,1,2-Trichloro-1,2,2-trichfluoroethane	1.0	U	25.0	25.0	25.0		27.4	
1,1-Dichloroethane	1.0	U	25.0	25.0	24.1		28.1	
1,1-Dichloroethene	1.0	U	25.0	25.0	24.0		27.4	
1,1-Dichloropropene	1.0	U	25.0	25.0	27.1		29.6	F
1,2,3-Trichlorobenzene	1.0	U	25.0	25.0	22.8		26.1	
1,2,3-Trichloropropane	1.0	U	25.0	25.0	23.1		24.9	
1,2,4-Trichlorobenzene	1.0	U	25.0	25.0	21.1		24.7	
1,2,4-Trimethylbenzene	1.0	U	25.0	25.0	22.5		25.9	
1,2-Dibromo-3-Chloropropane	2.0	U	25.0	25.0	22.2		22.5	
1,2-Dichlorobenzene	1.0	U	25.0	25.0	22.2		25.3	
1,2-Dichloroethane	1.0	U	25.0	25.0	25.2		27.9	
1,2-Dichloropropane	1.0	U	25.0	25.0	23.9		26.7	
1,3-Dichlorobenzene	1.0	U	25.0	25.0	21.6		24.9	
1,3-Dichloropropane	1.0	U	25.0	25.0	21.9		24.3	
1,4-Dichlorobenzene	1.0	U	25.0	25.0	21.0		24.2	
2,2-Dichloropropane	1.0	U	25.0	25.0	27.4		30.7	
2-Butanone	10	U	50.0	50.0	41.3		41.4	
2-Chloroethyl vinyl ether	10	U	30.0	30.0	10	U F	10	U F
2-Chlorotoluene	1.0	U	25.0	25.0	22.5		25.8	
2-Hexanone	10	U	50.0	50.0	35.2		39.9	
4-Chlorotoluene	1.0	U	25.0	25.0	21.6		25.3	
p-Isopropyltoluene	1.0	U	25.0	25.0	24.3		27.6	
4-Methyl-2-pentanone	10	U	50.0	50.0	41.3		44.1	
Acetone	7.4	J	50.0	50.0	47.8		48.1	
Benzene	1.0	U	25.0	25.0	24.7		27.6	
Bromobenzene	1.0	U	25.0	25.0	22.0		25.9	
Bromoform	1.0	U	25.0	25.0	21.2		22.6	
Bromomethane	1.0	U	25.0	25.0	25.2		28.3	
Carbon disulfide	0.18	J	25.0	25.0	25.9		29.6	
Carbon tetrachloride	1.0	U	25.0	25.0	25.6		29.0	
Chlorobenzene	1.0	U	25.0	25.0	22.6		26.2	
Dibromochloromethane	1.0	U	25.0	25.0	22.2		24.5	
Chloroethane	1.0	U	25.0	25.0	24.2		27.2	
Chloroform	1.0	U	25.0	25.0	25.1		28.2	
Chloromethane	1.0	U	25.0	25.0	23.8		27.6	
cis-1,2-Dichloroethene	0.64	J	25.0	25.0	25.0		28.5	
cis-1,3-Dichloropropene	1.0	U	25.0	25.0	23.9		27.4	
Dibromomethane	1.0	U	25.0	25.0	25.5		27.8	
Bromochloromethane	1.0	U	25.0	25.0	24.7		27.5	
Dichlorodifluoromethane	1.0	U	25.0	25.0	30.7		34.0	F

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-105630

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-29975-B-2 MS	Units:	ug/L	MSD Lab Sample ID:	240-29975-B-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/15/2013 2052			Analysis Date:	10/15/2013 2114
Prep Date:	10/15/2013 2052			Prep Date:	10/15/2013 2114
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Bromodichloromethane	1.0	U	25.0	25.0	25.4	28.4	
tert-Butyl alcohol	50	U	250	250	217	220	
Ethylbenzene	1.0	U	25.0	25.0	23.2	26.7	
Hexachlorobutadiene	1.0	U	25.0	25.0	32.9	36.4	F
Isopropylbenzene	1.0	U	25.0	25.0	25.9	28.7	
Methyl tert-butyl ether	1.0	U	25.0	25.0	22.1	24.3	
Methylene Chloride	1.0	U	25.0	25.0	21.1	24.9	
m-Xylene & p-Xylene	2.0	U	25.0	25.0	22.9	26.3	
Naphthalene	1.0	U	25.0	25.0	18.6	21.2	
n-Butylbenzene	1.0	U	25.0	25.0	22.1	24.9	
n-Propylbenzene	1.0	U	25.0	25.0	22.1	25.4	
o-Xylene	1.0	U	25.0	25.0	24.2	27.3	
sec-Butylbenzene	1.0	U	25.0	25.0	23.9	27.4	
Styrene	1.0	U	25.0	25.0	23.4	26.8	
Tetrachloroethene	1.0	U	25.0	25.0	24.4	27.4	
Toluene	1.0	U	25.0	25.0	23.7	27.1	
trans-1,2-Dichloroethene	1.0	U	25.0	25.0	25.2	29.0	
trans-1,3-Dichloropropene	1.0	U	25.0	25.0	21.7	24.9	
Trichloroethene	13		25.0	25.0	36.8	41.3	
Trichlorofluoromethane	1.0	U	25.0	25.0	28.7	31.7	
Vinyl acetate	2.0	U	40.0	40.0	32.2	36.5	
Vinyl chloride	1.0	U	25.0	25.0	24.5	28.2	
Xylenes, Total	2.0	U	50.0	50.0	47.1	53.6	
tert-Butylbenzene	1.0	U	25.0	25.0	23.6	27.1	
1,2-Dibromoethane	1.0	U	25.0	25.0	23.2	25.5	

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Method Blank - Batch: 240-106475

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-106475/8	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	145422.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/21/2013 1850	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	5.0	U	0.62	5.0
1,1,1-Trichloroethane	5.0	U	0.56	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.34	5.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	5.0	U	1.3	5.0
1,1-Dichloroethane	5.0	U	0.36	5.0
1,1-Dichloroethene	5.0	U	0.52	5.0
1,1-Dichloropropene	5.0	U	0.30	5.0
1,2,3-Trichlorobenzene	5.0	U	0.38	5.0
1,2,3-Trichloropropane	5.0	U	0.90	5.0
1,2,3-Trimethylbenzene	5.0	U	0.17	5.0
1,2,4-Trichlorobenzene	5.0	U	0.27	5.0
1,2,4-Trimethylbenzene	5.0	U	0.65	5.0
1,2-Dibromo-3-Chloropropane	10	U	1.3	10
1,2-Dichlorobenzene	5.0	U	0.36	5.0
1,2-Dichloroethane	5.0	U	0.34	5.0
1,2-Dichloropropane	5.0	U	0.69	5.0
1,3-Dichlorobenzene	5.0	U	0.35	5.0
1,3-Dichloropropane	5.0	U	0.34	5.0
1,4-Dichlorobenzene	5.0	U	0.66	5.0
2,2-Dichloropropane	5.0	U	0.94	5.0
2-Butanone	20	U	1.4	20
2-Chloroethyl vinyl ether	50	U	1.4	50
2-Chlorotoluene	5.0	U	0.40	5.0
2-Hexanone	20	U	0.63	20
4-Chlorotoluene	5.0	U	0.41	5.0
p-Isopropyltoluene	5.0	U	0.21	5.0
4-Methyl-2-pentanone	20	U	0.54	20
Acetone	20	U	6.3	20
Benzene	5.0	U	0.23	5.0
Bromobenzene	5.0	U	0.33	5.0
Bromoform	5.0	U	0.33	5.0
Bromomethane	5.0	U	0.54	5.0
Carbon disulfide	5.0	U	0.44	5.0
Carbon tetrachloride	5.0	U	0.37	5.0
Chlorobenzene	5.0	U	0.33	5.0
Dibromochloromethane	5.0	U	0.55	5.0
Chloroethane	5.0	U	0.86	5.0
Chloroform	5.0	U	0.29	5.0
Chloromethane	5.0	U	0.41	5.0
cis-1,2-Dichloroethene	5.0	U	0.36	5.0
cis-1,3-Dichloropropene	5.0	U	0.34	5.0
Dibromomethane	5.0	U	0.63	5.0
Bromochloromethane	5.0	U	0.71	5.0
Dichlorodifluoromethane	5.0	U	0.50	5.0
Bromodichloromethane	5.0	U	0.28	5.0

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Method Blank - Batch: 240-106475 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-106475/8	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	145422.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/21/2013 1850	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol	200	U	7.6	200
Ethylbenzene	5.0	U	0.26	5.0
Hexachlorobutadiene	5.0	U	1.2	5.0
Diisopropyl ether	10	U	1.5	10
Isopropylbenzene	5.0	U	0.16	5.0
Methyl tert-butyl ether	5.0	U	0.43	5.0
Methylene Chloride	5.0	U	0.67	5.0
m-Xylene & p-Xylene	10	U	1.2	10
Naphthalene	5.0	U	0.19	5.0
n-Butylbenzene	5.0	U	0.23	5.0
n-Propylbenzene	5.0	U	0.40	5.0
o-Xylene	5.0	U	0.35	5.0
sec-Butylbenzene	5.0	U	0.18	5.0
Styrene	5.0	U	0.15	5.0
Tert-amyl-methyl ether (TAME)	5.0	U	0.37	5.0
Ethyl-t-butyl ether (ETBE)	5.0	U	0.22	5.0
Tetrachloroethene	5.0	U	0.52	5.0
Toluene	5.0	U	0.27	5.0
trans-1,2-Dichloroethene	5.0	U	0.41	5.0
trans-1,3-Dichloropropene	5.0	U	0.54	5.0
Trichloroethene	5.0	U	0.42	5.0
Trichlorofluoromethane	5.0	U	0.34	5.0
Vinyl acetate	10	U	0.25	10
Vinyl chloride	5.0	U	0.39	5.0
Xylenes, Total	10	U	0.35	10
tert-Butylbenzene	5.0	U	0.29	5.0
1,2-Dibromoethane	5.0	U	0.50	5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	85	67 - 125
Dibromofluoromethane (Surr)	77	37 - 132
4-Bromofluorobenzene (Surr)	79	52 - 136
1,2-Dichloroethane-d4 (Surr)	68	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Lab Control Sample - Batch: 240-106475

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-106475/5	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	145419.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/21/2013 1746	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	50.0	48.3	97	81 - 119	
1,1,1-Trichloroethane	50.0	44.1	88	77 - 126	
1,1,2,2-Tetrachloroethane	50.0	48.5	97	77 - 123	
1,1,2-Trichloro-1,2,2-trichfluoroethane	50.0	48.5	97	82 - 138	
1,1-Dichloroethane	50.0	45.2	90	76 - 115	
1,1-Dichloroethene	50.0	44.6	89	75 - 135	
1,1-Dichloropropene	50.0	49.9	100	80 - 120	
1,2,3-Trichlorobenzene	50.0	48.2	96	61 - 121	
1,2,3-Trichloropropane	50.0	50.2	100	84 - 126	
1,2,4-Trichlorobenzene	50.0	49.8	100	64 - 124	
1,2,4-Trimethylbenzene	50.0	44.3	89	80 - 129	
1,2-Dibromo-3-Chloropropane	50.0	48.4	97	61 - 132	
1,2-Dichlorobenzene	50.0	48.9	98	76 - 110	
1,2-Dichloroethane	50.0	39.4	79	72 - 120	
1,2-Dichloropropane	50.0	45.8	92	87 - 113	
1,3-Dichlorobenzene	50.0	49.7	99	78 - 111	
1,3-Dichloropropane	50.0	47.8	96	82 - 118	
1,4-Dichlorobenzene	50.0	49.0	98	75 - 110	
2,2-Dichloropropane	50.0	52.3	105	69 - 135	
2-Butanone	100	91.0	91	52 - 131	
2-Chloroethyl vinyl ether	60.0	54.5	91	28 - 173	
2-Chlorotoluene	50.0	50.4	101	78 - 119	
2-Hexanone	100	93.7	94	64 - 136	
4-Chlorotoluene	50.0	49.6	99	79 - 118	
p-Isopropyltoluene	50.0	47.7	95	77 - 131	
4-Methyl-2-pentanone	100	95.8	96	67 - 135	
Acetone	100	95.1	95	41 - 137	
Benzene	50.0	47.2	94	79 - 112	
Bromobenzene	50.0	51.1	102	81 - 115	
Bromoform	50.0	49.2	98	62 - 133	
Bromomethane	50.0	16.8	34	42 - 136	*
Carbon disulfide	50.0	51.6	103	62 - 146	
Carbon tetrachloride	50.0	41.7	83	71 - 129	
Chlorobenzene	50.0	47.9	96	78 - 110	
Dibromochloromethane	50.0	48.4	97	72 - 127	
Chloroethane	50.0	24.3	49	58 - 117	*
Chloroform	50.0	42.3	85	77 - 114	
Chloromethane	50.0	33.7	67	50 - 110	
cis-1,2-Dichloroethene	50.0	48.2	96	76 - 113	
cis-1,3-Dichloropropene	50.0	44.3	89	74 - 128	
Dibromomethane	50.0	46.8	94	85 - 120	
Bromochloromethane	50.0	47.2	94	79 - 111	
Dichlorodifluoromethane	50.0	36.6	73	26 - 113	
Bromodichloromethane	50.0	42.8	86	84 - 122	
tert-Butyl alcohol	500	592	118	60 - 125	
Ethylbenzene	50.0	49.2	98	79 - 117	

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Lab Control Sample - Batch: 240-106475

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-106475/5	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	145419.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/21/2013 1746	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	50.0	51.3	103	54 - 131	
Isopropylbenzene	50.0	49.6	99	76 - 122	
Methyl tert-butyl ether	50.0	49.3	99	49 - 165	
Methylene Chloride	50.0	41.1	82	75 - 118	
m-Xylene & p-Xylene	50.0	49.2	98	80 - 117	
Naphthalene	50.0	49.7	99	65 - 123	
n-Butylbenzene	50.0	49.8	100	68 - 135	
n-Propylbenzene	50.0	52.2	104	81 - 129	
o-Xylene	50.0	49.1	98	80 - 120	
sec-Butylbenzene	50.0	49.5	99	74 - 129	
Styrene	50.0	42.0	84	87 - 117	*
Tetrachloroethene	50.0	51.3	103	79 - 114	
Toluene	50.0	48.1	96	75 - 111	
trans-1,2-Dichloroethene	50.0	49.2	98	78 - 117	
trans-1,3-Dichloropropene	50.0	53.3	107	73 - 131	
Trichloroethene	50.0	50.2	100	79 - 113	
Trichlorofluoromethane	50.0	28.2	56	57 - 146	*
Vinyl acetate	80.0	74.0	92	70 - 130	
Vinyl chloride	50.0	36.7	73	57 - 114	
Xylenes, Total	100	98.3	98	80 - 118	
tert-Butylbenzene	50.0	46.1	92	76 - 126	
1,2-Dibromoethane	50.0	48.7	97	83 - 117	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	83	67 - 125
Dibromofluoromethane (Surr)	76	37 - 132
4-Bromofluorobenzene (Surr)	87	52 - 136
1,2-Dichloroethane-d4 (Surr)	65	58 - 123

Method Reporting Limit Check - Batch: 240-106475

Method: 8260C
Preparation: N/A

Lab Sample ID:	MRL 240-106475/6	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	145420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/21/2013 1807	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dichloroethane	0.00500	1.0	76	10 - 150	U
Bromomethane	0.00500	1.0	37	10 - 150	U
Chloroethane	0.00500	1.0	52	10 - 150	U
Chloromethane	0.00500	1.0	71	10 - 150	U

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Method Reporting Limit Check - Batch: 240-106475 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MRL 240-106475/6	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	145420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	10/21/2013 1807	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
tert-Butyl alcohol	0.0500	50	117	10 - 150	U
Styrene	0.00500	1.0	82	10 - 150	U
Trichlorofluoromethane	0.00500	1.0	54	10 - 150	U

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	87	10 - 150
Dibromofluoromethane (Surr)	75	10 - 150
4-Bromofluorobenzene (Surr)	85	10 - 150
1,2-Dichloroethane-d4 (Surr)	67	10 - 150

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	86	10 - 150
Dibromofluoromethane (Surr)	76	10 - 150
4-Bromofluorobenzene (Surr)	84	10 - 150
1,2-Dichloroethane-d4 (Surr)	67	10 - 150

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-106487

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30066-D-3-C MS	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-106487	Lab File ID:	145426.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.26 g
Analysis Date:	10/21/2013 2017			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1743				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30066-D-3-D MSD	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-106487	Lab File ID:	145427.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.51 g
Analysis Date:	10/21/2013 2038			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1743				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	87	90	51 - 128	1	30		
1,1,2,2-Tetrachloroethane	18	10	16 - 179	58	30		F
1,1,2-Trichloro-1,2,2-trichfluoroethane	99	101	50 - 147	3	30		
1,1-Dichloroethane	90	92	54 - 122	3	30		
1,1-Dichloroethene	90	90	49 - 157	5	30		
1,2,4-Trichlorobenzene	54	55	10 - 111	3	30		
1,2-Dibromo-3-Chloropropane	84	85	10 - 153	4	30		
1,2-Dichlorobenzene	67	73	17 - 122	3	30		
1,2-Dichloroethane	75	79	49 - 123	0	30		
1,2-Dichloropropane	85	90	61 - 117	1	30		
1,3-Dichlorobenzene	65	70	16 - 126	3	30		
1,4-Dichlorobenzene	63	68	15 - 121	3	30		
2-Butanone	88	89	30 - 143	3	30		
2-Hexanone	74	79	37 - 147	2	30		
4-Methyl-2-pentanone	88	92	43 - 147	0	30		
Acetone	98	101	24 - 140	2	30		
Benzene	88	92	53 - 118	1	30		
Bromoform	83	91	18 - 129	4	30		
Bromomethane	36	38	33 - 130	0	30		
Carbon disulfide	99	100	20 - 151	3	30		
Carbon tetrachloride	79	82	32 - 137	1	30		
Chlorobenzene	75	81	37 - 116	3	30		
Dibromochloromethane	87	92	29 - 135	0	30		
Chloroethane	49	55	45 - 118	6	30		
Chloroform	83	85	53 - 119	3	30		
Chloromethane	72	72	34 - 117	4	30		
cis-1,2-Dichloroethene	94	97	50 - 119	1	30		
cis-1,3-Dichloropropene	75	78	27 - 133	0	30		
Dichlorodifluoromethane	77	78	17 - 115	4	30		
Bromodichloromethane	78	82	35 - 132	1	30		
Ethylbenzene	73	80	30 - 131	4	30		
Isopropylbenzene	69	75	21 - 134	3	30		
Methyl tert-butyl ether	102	105	51 - 157	2	30		

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-106487

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30066-D-3-C MS	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-106487	Lab File ID:	145426.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.26 g
Analysis Date:	10/21/2013 2017			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1743				
Leach Date:	N/A				

MSD Lab Sample ID:	240-30066-D-3-D MSD	Analysis Batch:	240-106475	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-106487	Lab File ID:	145427.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.51 g
Analysis Date:	10/21/2013 2038			Final Weight/Volume:	5 mL
Prep Date:	10/21/2013 1743				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	85	85	54 - 115	5	30		
m-Xylene & p-Xylene	72	79	29 - 131	5	30		
o-Xylene	77	83	29 - 134	3	30		
Styrene	62	66	27 - 127	3	30		
Tetrachloroethene	81	89	31 - 135	4	30		
Toluene	82	90	39 - 129	4	30		
trans-1,2-Dichloroethene	97	97	50 - 123	5	30		
trans-1,3-Dichloropropene	89	98	28 - 137	5	30		
Trichloroethene	142	158	10 - 177	6	30		
Trichlorofluoromethane	58	64	36 - 142	6	30		
Vinyl chloride	77	78	42 - 117	3	30		
Xylenes, Total	74	81	30 - 131	4	30		
1,2-Dibromoethane	88	95	45 - 127	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	86	92	67 - 125
Dibromofluoromethane (Surr)	76	78	37 - 132
4-Bromofluorobenzene (Surr)	86	89	52 - 136
1,2-Dichloroethane-d4 (Surr)	66	69	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-106487

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30066-D-3-C MS	Units:	ug/Kg	MSD Lab Sample ID:	240-30066-D-3-D MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/21/2013 2017			Analysis Date:	10/21/2013 2038
Prep Date:	10/21/2013 1743			Prep Date:	10/21/2013 1743
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	4.7	U	48.8	46.6	42.2	42.0	
1,1,2,2-Tetrachloroethane	4.7	U	48.8	46.6	8.65	4.76	F
1,1,2-Trichloro-1,2,2-trichfluoroethane	4.7	U	48.8	46.6	48.4	46.9	
1,1-Dichloroethane	4.7	U	48.8	46.6	44.1	43.0	
1,1-Dichloroethene	4.7	U	48.8	46.6	44.1	42.0	
1,2,4-Trichlorobenzene	4.7	U	48.8	46.6	26.3	25.6	
1,2-Dibromo-3-Chloropropane	9.4	U	48.8	46.6	41.1	39.7	
1,2-Dichlorobenzene	4.7	U	48.8	46.6	32.9	34.0	
1,2-Dichloroethane	4.7	U	48.8	46.6	36.8	37.0	
1,2-Dichloropropane	4.7	U	48.8	46.6	41.5	41.9	
1,3-Dichlorobenzene	4.7	U	48.8	46.6	31.7	32.7	
1,4-Dichlorobenzene	4.7	U	48.8	46.6	30.8	31.9	
2-Butanone	19	U	97.6	93.2	85.5	82.6	
2-Hexanone	19	U	97.6	93.2	72.0	73.6	
4-Methyl-2-pentanone	19	U	97.6	93.2	86.2	86.1	
Acetone	19	U	97.6	93.2	96.0	94.1	
Benzene	4.7	U	48.8	46.6	43.0	42.7	
Bromoform	4.7	U	48.8	46.6	40.6	42.3	
Bromomethane	4.7	U	48.8	46.6	17.7	17.7	
Carbon disulfide	4.7	U	48.8	46.6	48.3	46.8	
Carbon tetrachloride	4.7	U	48.8	46.6	38.6	38.3	
Chlorobenzene	4.7	U	48.8	46.6	36.8	37.8	
Dibromochloromethane	4.7	U	48.8	46.6	42.6	42.7	
Chloroethane	4.7	U	48.8	46.6	24.1	25.6	
Chloroform	4.7	U	48.8	46.6	40.6	39.5	
Chloromethane	4.7	U	48.8	46.6	34.9	33.5	
cis-1,2-Dichloroethene	4.7	U	48.8	46.6	45.8	45.1	
cis-1,3-Dichloropropene	4.7	U	48.8	46.6	36.5	36.5	
Dichlorodifluoromethane	4.7	U	48.8	46.6	37.5	36.1	
Bromodichloromethane	4.7	U	48.8	46.6	37.9	38.3	
Ethylbenzene	4.7	U	48.8	46.6	35.7	37.1	
Isopropylbenzene	4.7	U	48.8	46.6	33.9	35.1	
Methyl tert-butyl ether	4.7	U	48.8	46.6	49.9	48.9	
Methylene Chloride	4.7	U	48.8	46.6	41.4	39.5	
m-Xylene & p-Xylene	9.4	U	48.8	46.6	35.0	36.8	
o-Xylene	4.7	U	48.8	46.6	37.3	38.6	
Styrene	4.7	U	48.8	46.6	30.1	31.0	
Tetrachloroethene	4.7	U	48.8	46.6	39.8	41.4	
Toluene	4.7	U	48.8	46.6	40.2	41.7	
trans-1,2-Dichloroethene	4.7	U	48.8	46.6	47.6	45.2	
trans-1,3-Dichloropropene	4.7	U	48.8	46.6	43.5	45.8	
Trichloroethene	4.7	U	48.8	46.6	69.1	73.6	
Trichlorofluoromethane	4.7	U	48.8	46.6	28.4	30.0	

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-106487

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-30066-D-3-C MS	Units:	ug/Kg	MSD Lab Sample ID:	240-30066-D-3-D MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/21/2013 2017			Analysis Date:	10/21/2013 2038
Prep Date:	10/21/2013 1743			Prep Date:	10/21/2013 1743
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Vinyl chloride	4.7	U	48.8	46.6	37.7	36.4
Xylenes, Total	9.4	U	97.6	93.2	72.3	75.4
1,2-Dibromoethane	4.7	U	48.8	46.6	42.7	44.1

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Duplicate - Batch: 240-105425

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-30177-D-2 DU	Analysis Batch:	240-105425	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	10/14/2013 1233	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	93	94	1	20	
Percent Moisture	7.1	6.1	16	20	

DATA REPORTING QUALIFIERS

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Tetra Tech, Inc. Job Number: 240-30141-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-105630					
LCS 240-105630/6	Lab Control Sample	T	Water	8260C	
MB 240-105630/8	Method Blank	T	Water	8260C	
240-29975-B-2 MS	Matrix Spike	T	Water	8260C	
240-29975-B-2 MSD	Matrix Spike Duplicate	T	Water	8260C	
240-30141-2	TB-101013	T	Water	8260C	
Analysis Batch:240-106475					
LCS 240-106475/5	Lab Control Sample	T	Solid	8260C	
MB 240-106475/8	Method Blank	T	Solid	8260C	
240-30066-D-3-C MS	Matrix Spike	T	Solid	8260C	240-106487
240-30066-D-3-D MSD	Matrix Spike Duplicate	T	Solid	8260C	240-106487
240-30141-1	I-DC-SCA-2	T	Solid	8260C	240-106487
Prep Batch: 240-106487					
240-30066-D-3-C MS	Matrix Spike	T	Solid	5030C	
240-30066-D-3-D MSD	Matrix Spike Duplicate	T	Solid	5030C	
240-30141-1	I-DC-SCA-2	T	Solid	5030C	

Report Basis
T = Total

General Chemistry

Analysis Batch:240-105425					
240-30141-1	I-DC-SCA-2	T	Solid	Moisture	
240-30177-D-2 DU	Duplicate	T	Solid	Moisture	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Laboratory Chronicle

Lab ID: 240-30141-1 **Client ID:** I-DC-SCA-2

Sample Date/Time: 10/10/2013 11:45 Received Date/Time: 10/11/2013 09:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-30141-B-1-A		240-106475	240-106487	10/21/2013 17:59	1	TAL CAN	SAM
A:8260C	240-30141-B-1-A		240-106475	240-106487	10/21/2013 21:00	1	TAL CAN	SAM
A:Moisture	240-30141-A-1		240-105425		10/14/2013 12:33	1	TAL CAN	JMB

Lab ID: 240-30141-2 **Client ID:** TB-101013

Sample Date/Time: 10/10/2013 00:00 Received Date/Time: 10/11/2013 09:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-30141-A-2		240-105630		10/15/2013 18:39	1	TAL CAN	RJQ
A:8260C	240-30141-A-2		240-105630		10/15/2013 18:39	1	TAL CAN	RJQ

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 240-105630/8		240-105630		10/15/2013 13:42	1	TAL CAN	RJQ
A:8260C	MB 240-105630/8		240-105630		10/15/2013 13:42	1	TAL CAN	RJQ
A:8260C	MB 240-106475/8		240-106475		10/21/2013 18:50	1	TAL CAN	SAM

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 240-105630/6		240-105630		10/15/2013 12:58	1	TAL CAN	RJQ
A:8260C	LCS 240-105630/6		240-105630		10/15/2013 12:58	1	TAL CAN	RJQ
A:8260C	LCS 240-106475/5		240-106475		10/21/2013 17:46	1	TAL CAN	SAM

Lab ID: MRL **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MRL 240-105630/5		240-105630		10/15/2013 12:36	1	TAL CAN	RJQ
A:8260C	MRL 240-105630/5		240-105630		10/15/2013 12:36	1	TAL CAN	RJQ
A:8260C	MRL 240-106475/6		240-106475		10/21/2013 18:07	1	TAL CAN	SAM
A:8260C	MRL 240-106475/7		240-106475		10/21/2013 18:29	1	TAL CAN	SAM

Client: Tetra Tech, Inc. Job Number: 240-30141-1

Laboratory Chronicle

Lab ID: MS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-29975-B-2 MS		240-105630		10/15/2013 20:52	1	TAL CAN	RJQ
A:8260C	240-29975-B-2 MS		240-105630		10/15/2013 20:52	1	TAL CAN	RJQ
P:5030C	240-30066-D-3-C MS		240-106475	240-106487	10/21/2013 17:43	1	TAL CAN	SAM
A:8260C	240-30066-D-3-C MS		240-106475	240-106487	10/21/2013 20:17	1	TAL CAN	SAM

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-29975-B-2 MSD		240-105630		10/15/2013 21:14	1	TAL CAN	RJQ
A:8260C	240-29975-B-2 MSD		240-105630		10/15/2013 21:14	1	TAL CAN	RJQ
P:5030C	240-30066-D-3-D MSD		240-106475	240-106487	10/21/2013 17:43	1	TAL CAN	SAM
A:8260C	240-30066-D-3-D MSD		240-106475	240-106487	10/21/2013 20:38	1	TAL CAN	SAM

Lab ID: DU **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-30177-D-2 DU		240-105425		10/14/2013 12:33	1	TAL CAN	JMB

Lab References:
TAL CAN = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM250IS_00001	04/01/14	10/01/13	MEOH, Lot 38701	10 mL	VMSTM520_00016	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.VMSTM520_00016	12/31/14	Ultra Scientific, Lot CH-3660			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
VM250SS_00016	04/01/14	10/01/13	MEOH, Lot 38701	10 mL	VMstm530_00021	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VMstm530_00021	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VM250SS_00017	04/07/14	10/07/13	MEOH, Lot 0000049909	50 mL	VM567650_00017	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VM567650_00017	02/28/18	Restek, Lot A093505			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_00125	09/28/13	09/21/13	MEOH, Lot 0000038701	5 mL	VM250SS_00015	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM250SS_00015	03/09/14	09/09/13	MEOH, Lot 0000038701	50 mL	VM567650_00009	4.5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
					VM567650_00016	0.5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
..VM567650_00009	02/28/18	Restek, Lot A093505			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
..VM567650_00016	02/28/18	Restek, Lot A093505			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_00126	10/08/13	10/01/13	MEOH, Lot na	2 mL	vm50ss_stk_00056	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.vm50ss_stk_00056	02/26/14	08/26/13	MEOH, Lot 0000038701	50 mL	VMstm530_00021	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00021	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VM567649_00048	02/28/18	restek, Lot A093504			(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
VMAROLISTDW_00012	09/28/13	09/21/13	MEOH, Lot na	1 mL	VMACROLSTD_00003	1 mL	Acrolein	250 ug/mL
.VMACROLSTD_00003	09/30/13	08/30/13	MEOH, Lot 0000038701	20 mL	VM567644_00022	1 mL	Acrolein	250 ug/mL
..VM567644_00022	09/30/13	Restek, Lot A095604			(Purchased Reagent)		Acrolein	5000 ug/mL
VMAROLISTDW_00014	10/07/13	09/30/13	MEOH, Lot na	3 mL	VMACROLSTD_00004	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00004	10/31/13	09/30/13	MEOH, Lot 0000038701	20 mL	VM567644_00025	1 mL	Acrolein	250 ug/mL
..VM567644_00025	12/31/13	Restek, Lot A097557			(Purchased Reagent)		Acrolein	5000 ug/mL
VMFASGW_00002	10/22/13	10/15/13	MEOH, Lot NA	3 mL	VMFASG_00002	3 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00002	10/22/13	10/15/13	MEOH, Lot 0000049909	50 mL	VM567645S_00003	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00003	02/28/15	Restek, Lot A093618			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASPW_00002	10/22/13	10/15/13	MEOH, Lot NA	3 mL	VMRFASP_00001	3 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	60 ug/mL
							Vinyl acetate	80 ug/mL
.VMRFASP_00001	11/30/13	10/07/13	MEOH, Lot 000004909	100 mL	VM567641S_00003	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Propylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00003	1 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
					VM567643S_00008	1 mL	2-Chloroethyl vinyl ether	60 ug/mL
					VM567643S_00009	2 mL	2-Chloroethyl vinyl ether	60 ug/mL
					VM567646S_00002	2 mL	Vinyl acetate	80 ug/mL
..VM567641S_00003	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00003	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643S_00008	02/29/16		Restek, Lot A093471		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643S_00009	02/29/16		Restek, Lot A093471		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646S_00002	11/30/13		Restek, Lot A096669		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMMECL2W_00044	10/01/13	09/24/13	MEOH, Lot na	1 mL	VMMECL2_00012	1 mL	Methylene Chloride	50 ug/mL
.VMMECL2_00012	03/16/14	09/16/13	MEOH, Lot 0000038701	100 mL	VMEPA1041_00005	1 mL	Methylene Chloride	50 ug/mL
..VMEPA1041_00005	06/30/14		Ultra, Lot CG-2004		(Purchased Reagent)		Methylene Chloride	5000 ug/mL
VMRA9W_00024	09/29/13	09/22/13	MEOH, Lot NA	1 mL	VMRA9_00005	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
							Cyclohexanone	500 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00005	11/13/13	08/13/13	MEOH, Lot 124454	50 mL	vm567647_00010	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
					VM567648_00004	1.25 mL	Cyclohexanone	500 ug/mL
					vm567719_00012	1 mL	2-Methylnaphthalene	100 ug/mL
					vm567719_00014	0.5 mL	2-Methylnaphthalene	100 ug/mL
					vm567719_00015	1 mL	2-Methylnaphthalene	100 ug/mL
..vm567647_00010	08/31/14		restek, Lot A093634		(Purchased Reagent)		1,2,3-Trimethylbenzene	2000 ug/mL
							1,3,5-Trichlorobenzene	2000 ug/mL
							2-Chloro-1,3-butadiene	2000 ug/mL
							2-Nitropropane	4000 ug/mL
							Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl acetate	4000 ug/mL
							Ethyl-t-butyl ether (ETBE)	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							n-Butanol	50000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl-methyl ether (TAME)	2000 ug/mL
..VM567648_00004	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..vm567719_00012	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
..vm567719_00014	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
..vm567719_00015	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
VMRA9W_00025	10/04/13	09/27/13	MEOH, Lot NA	1 mL	VMRA9_00005	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
							Cyclohexanone	500 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00005	11/13/13	08/13/13	MEOH, Lot 124454	50 mL	vm567647_00010	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
					VM567648_00004	1.25 mL	Cyclohexanone	500 ug/mL
					vm567719_00012	1 mL	2-Methylnaphthalene	100 ug/mL
					vm567719_00014	0.5 mL	2-Methylnaphthalene	100 ug/mL
					vm567719_00015	1 mL	2-Methylnaphthalene	100 ug/mL
..vm567647_00010	08/31/14		restek, Lot A093634		(Purchased Reagent)		1,2,3-Trimethylbenzene	2000 ug/mL
							1,3,5-Trichlorobenzene	2000 ug/mL
							2-Chloro-1,3-butadiene	2000 ug/mL
							2-Nitropropane	4000 ug/mL
							Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl acetate	4000 ug/mL
							Ethyl acrylate	2000 ug/mL
							Ethyl-t-butyl ether (ETBE)	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							n-Butanol	50000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl-methyl ether (TAME)	2000 ug/mL
..VM567648_00004	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..vm567719_00012	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
..vm567719_00014	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
..vm567719_00015	02/28/15		Restek, Lot A093359		(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
VMRA9W_00027	10/20/13	10/13/13	MEOH, Lot NA	1 mL	VMRA9_00005	1 mL	1,2,3-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diisopropyl ether	50 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
.VMRA9_00005	11/13/13	08/13/13	MEOH, Lot 124454	50 mL	vm567647_00010	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
..vm567647_00010	08/31/14		restek, Lot A093634		(Purchased Reagent)		1,2,3-Trimethylbenzene	2000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl-t-butyl ether (ETBE)	2000 ug/mL
							Tert-amyl-methyl ether (TAME)	2000 ug/mL
VMRA9W_00028	10/28/13	10/21/13	MEOH, Lot NA	1 mL	VMRA9_00005	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
.VMRA9_00005	11/13/13	08/13/13	MEOH, Lot 124454	50 mL	vm567647_00010	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl-t-butyl ether (ETBE)	50 ug/mL
							Tert-amyl-methyl ether (TAME)	50 ug/mL
..vm567647_00010	08/31/14		restek, Lot A093634		(Purchased Reagent)		1,2,3-Trimethylbenzene	2000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl-t-butyl ether (ETBE)	2000 ug/mL
							Tert-amyl-methyl ether (TAME)	2000 ug/mL
VMRFAS_00006	10/09/13	09/09/13	MEOH, Lot 0000038701	100 mL	VM567641S_00003	1.25 mL	1,1,1,2-Tetrachloroethane	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,1-Dichloropropene	25 ug/mL
							1,2,3-Trichlorobenzene	25 ug/mL
							1,2,3-Trichloropropane	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2,4-Trimethylbenzene	25 ug/mL
							1,2-Dibromo-3-Chloropropane	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloropropane	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,3-Dichloropropane	25 ug/mL
							1,4-Dichlorobenzene	25 ug/mL
							2,2-Dichloropropane	25 ug/mL
							2-Chlorotoluene	25 ug/mL
							4-Chlorotoluene	25 ug/mL
							Benzene	25 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	25 ug/mL
							Bromochloromethane	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Dibromomethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Isopropylbenzene	25 ug/mL
							m-Xylene & p-Xylene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							n-Butylbenzene	25 ug/mL
							n-Propylbenzene	25 ug/mL
							Naphthalene	25 ug/mL
							o-Xylene	25 ug/mL
							p-Isopropyltoluene	25 ug/mL
							sec-Butylbenzene	25 ug/mL
							Styrene	25 ug/mL
							tert-Butyl alcohol	250 ug/mL
							tert-Butylbenzene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	50 ug/mL
					VM567642S_00003	500 uL	2-Butanone	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone	50 ug/mL
							Acetone	50 ug/mL
					VM567643S_00009	3 mL	2-Chloroethyl vinyl ether	60 ug/mL
					VM567645S_00007	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Dichlorodifluoromethane	25 ug/mL
							Trichlorofluoromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM567646S_00002	1 mL	Vinyl acetate	40 ug/mL
.VM567641S_00003	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloro-1,2,2-trichfluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
.VM567642S_00003	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone	10000 ug/mL
							Acetone	10000 ug/mL
.VM567643S_00009	02/29/16		Restek, Lot A093471		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
.VM567645S_00007	02/28/15		Restek, Lot A093618		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.VM567646S_00002	11/30/13		Restek, Lot A096669		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRFASW_00024	10/04/13	09/27/13	MEOH, Lot na	3 mL	VMRFAS_00006	3 mL	1,1,1,2-Tetrachloroethane	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,1-Dichloropropene	25 ug/mL
							1,2,3-Trichlorobenzene	25 ug/mL
							1,2,3-Trichloropropane	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2,4-Trimethylbenzene	25 ug/mL
							1,2-Dibromo-3-Chloropropane	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloropropane	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,3-Dichloropropane	25 ug/mL
							1,4-Dichlorobenzene	25 ug/mL
							2,2-Dichloropropane	25 ug/mL
							2-Chlorotoluene	25 ug/mL
							4-Chlorotoluene	25 ug/mL
							Benzene	25 ug/mL
							Bromobenzene	25 ug/mL
							Bromochloromethane	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Dibromomethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Isopropylbenzene	25 ug/mL
							m-Xylene & p-Xylene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							n-Butylbenzene	25 ug/mL
							n-Propylbenzene	25 ug/mL
							Naphthalene	25 ug/mL
							o-Xylene	25 ug/mL
							p-Isopropyltoluene	25 ug/mL
							sec-Butylbenzene	25 ug/mL
							Styrene	25 ug/mL
							tert-Butyl alcohol	250 ug/mL
							tert-Butylbenzene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	50 ug/mL
							2-Butanone	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone	50 ug/mL
							Acetone	50 ug/mL
							2-Chloroethyl vinyl ether	60 ug/mL
							Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Dichlorodifluoromethane	25 ug/mL
							Trichlorofluoromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFAS_00006	10/09/13	09/09/13	MEOH, Lot 0000038701	100 mL	VM567641S_00003	1.25 mL	1,1,1,2-Tetrachloroethane	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,1-Dichloropropene	25 ug/mL
							1,2,3-Trichlorobenzene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2,4-Trimethylbenzene	25 ug/mL
							1,2-Dibromo-3-Chloropropane	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloropropane	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,3-Dichloropropane	25 ug/mL
							1,4-Dichlorobenzene	25 ug/mL
							2,2-Dichloropropane	25 ug/mL
							2-Chlorotoluene	25 ug/mL
							4-Chlorotoluene	25 ug/mL
							Benzene	25 ug/mL
							Bromobenzene	25 ug/mL
							Bromochloromethane	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Dibromomethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Isopropylbenzene	25 ug/mL
							m-Xylene & p-Xylene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							n-Butylbenzene	25 ug/mL
							n-Propylbenzene	25 ug/mL
							Naphthalene	25 ug/mL
							o-Xylene	25 ug/mL
							p-Isopropyltoluene	25 ug/mL
							sec-Butylbenzene	25 ug/mL
							Styrene	25 ug/mL
							tert-Butyl alcohol	250 ug/mL
							tert-Butylbenzene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM567642S_00003	500 uL	2-Butanone	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone	50 ug/mL
							Acetone	50 ug/mL
					VM567643S_00009	3 mL	2-Chloroethyl vinyl ether	60 ug/mL
					VM567645S_00007	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Dichlorodifluoromethane	25 ug/mL
							Trichlorofluoromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM567646S_00002	1 mL	Vinyl acetate	40 ug/mL
..VM567641S_00003	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00003	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643S_00009	02/29/16		Restek, Lot A093471		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567645S_00007	02/28/15		Restek, Lot A093618		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM567646S_00002	11/30/13		Restek, Lot A096669		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRGAS_00024	09/28/13	09/21/13	MEOH, Lot 0000038701	10 mL	vm567645_00027	250 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00027	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VMRGAS_00025	10/04/13	09/27/13	MEOH, Lot 0000038701	10 mL	vm567645_00028	250 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00028	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRGAS_00027	10/20/13	10/13/13	MEOH, Lot 0000049909	10 mL	vm567645_00027	250 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00027	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRGAS_00028	10/28/13	10/21/13	MEOH, Lot 0000049909	10 mL	vm567645_00027	250 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00027	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRPRIMW_00025	09/28/13	09/21/13	MEOH, Lot NA	1 mL	VMRPRIM_00006	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							n-Propylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00006	12/31/13	08/30/13	MEOH, Lot 0000038701	50 mL	VM567641_00009	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00008	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00008	1 mL	2-Chloroethyl vinyl ether	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM567643_00009	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00015	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00010	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00009	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							n-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00008	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00008	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00009	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00015	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646_00010	12/31/13		Restek, Lot A096198		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRPRIMW_00026	10/04/13	09/27/13	MEOH, Lot NA	1 mL	VMRPRIM_00006	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00006	12/31/13	08/30/13	MEOH, Lot 0000038701	50 mL	VM567641_00009	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00008	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00008	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00009	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00015	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00010	0.6 mL	Vinyl acetate	48 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM567641_00009	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							n-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00008	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00008	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00009	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00015	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646_00010	12/31/13		Restek, Lot A096198		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRPRIMW_00028	10/18/13	10/11/13	MEOH, Lot NA	1 mL	VMRPRIM_00006	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL
.VMRPRIM_00006	12/31/13	08/30/13	MEOH, Lot 0000038701	50 mL	VM567641_00009	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642_00008	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00008	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00009	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00015	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00010	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00009	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642_00008	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00008	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00009	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00015	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646_00010	12/31/13		Restek, Lot A096198		(Purchased Reagent)		Vinyl acetate	4000 ug/mL
VMRPRIMW_00029	10/26/13	10/12/13	MEOH, Lot NA	1 mL	VMRPRIM_00006	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMRPRIM_00006	12/31/13	08/30/13	MEOH, Lot 0000038701	50 mL	VM567641_00009	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	50 ug/mL
							tert-Butyl alcohol	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642_00008	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00008	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00009	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00015	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00010	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00009	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trichfluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642_00008	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00008	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00009	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567643_00015	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM567646_00010	12/31/13		Restek, Lot A096198		(Purchased Reagent)		Vinyl acetate	4000 ug/mL

Certification Summary

Client: Tetra Tech, Inc. TestAmerica Job ID: 240-30141-1
Project/Site: MRC Soil Remediation

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAP	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAP	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAP	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	
TestAmerica Canton	USDA	Federal		P330-11-00328
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-106475/6	75	67	87	85
	MRL 240-106475/7	76	67	86	84

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
I-DC-SCA-2	240-30141-1	79	68	88	84
	MB 240-106475/8	77	68	85	79
	LCS 240-106475/5	76	65	83	87
	240-30066-D-3-C MS	76	66	86	86
	240-30066-D-3-D MSD	78	69	92	89

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-105630/5	98	93	94	85

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	10-150
DCA = 1,2-Dichloroethane-d4 (Surr)	10-150
TOL = Toluene-d8 (Surr)	10-150
BFB = 4-Bromofluorobenzene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-101013	240-30141-2	97	92	90	81
	MB 240-105630/8	97	93	95	85
	LCS 240-105630/6	90	84	91	83
	240-29975-B-2 MS	95	90	92	86
	240-29975-B-2 MSD	99	91	100	90

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-115
BFB = 4-Bromofluorobenzene (Surr)	66-117

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXM1007.D

Lab ID: LCS 240-105630/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	25.0	26.1	104	72-116	
1,1,1-Trichloroethane	25.0	27.3	109	74-118	
1,1,2,2-Tetrachloroethane	25.0	21.2	85	68-118	
1,1,2-Trichloro-1,2,2-trichfluoroethane	25.0	25.1	100	74-151	
1,1-Dichloroethane	25.0	24.6	98	82-115	
1,1-Dichloroethene	25.0	24.4	98	78-131	
1,1-Dichloropropene	25.0	27.7	111	83-114	
1,2,3-Trichlorobenzene	25.0	23.7	95	54-126	
1,2,3-Trichloropropane	25.0	23.0	92	73-129	
1,2,4-Trichlorobenzene	25.0	23.8	95	48-135	
1,2,4-Trimethylbenzene	25.0	24.5	98	76-120	
1,2-Dibromo-3-Chloropropane	25.0	21.7	87	42-136	
1,2-Dichlorobenzene	25.0	23.0	92	81-110	
1,2-Dichloroethane	25.0	23.7	95	71-127	
1,2-Dichloropropane	25.0	23.9	96	81-115	
1,3-Dichlorobenzene	25.0	23.1	92	80-110	
1,3-Dichloropropane	25.0	21.5	86	79-116	
1,4-Dichlorobenzene	25.0	22.3	89	82-110	
2,2-Dichloropropane	25.0	29.1	116	50-129	
2-Butanone	50.0	40.8	82	60-126	
2-Chloroethyl vinyl ether	30.0	23.1	77	52-131	
2-Chlorotoluene	25.0	23.8	95	76-116	
2-Hexanone	50.0	37.4	75	55-133	
4-Chlorotoluene	25.0	23.7	95	77-115	
p-Isopropyltoluene	25.0	26.8	107	74-120	
4-Methyl-2-pentanone	50.0	41.5	83	63-128	
Acetone	50.0	47.2	94	43-136	
Benzene	25.0	24.5	98	83-112	
Bromobenzene	25.0	23.0	92	76-115	
Bromoform	25.0	20.6	83	40-131	
Bromomethane	25.0	24.6	98	11-185	
Carbon disulfide	25.0	26.3	105	62-142	
Carbon tetrachloride	25.0	25.9	104	66-128	
Chlorobenzene	25.0	22.9	92	85-110	
Dibromochloromethane	25.0	21.3	85	64-119	
Chloroethane	25.0	23.5	94	25-153	
Chloroform	25.0	24.3	97	79-117	
Chloromethane	25.0	23.6	94	44-126	
cis-1,2-Dichloroethene	25.0	24.2	97	80-113	
cis-1,3-Dichloropropene	25.0	25.1	101	61-115	
Dibromomethane	25.0	24.4	98	81-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXM1007.D

Lab ID: LCS 240-105630/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	25.0	23.9	96	77-120	
Dichlorodifluoromethane	25.0	27.5	110	19-129	
Bromodichloromethane	25.0	25.0	100	72-121	
tert-Butyl alcohol	250	214	86	70-130	
Ethylbenzene	25.0	24.0	96	83-112	
Hexachlorobutadiene	25.0	37.5	150	36-134	*
Isopropylbenzene	25.0	26.8	107	75-114	
Methyl tert-butyl ether	25.0	22.0	88	52-144	
Methylene Chloride	25.0	21.2	85	66-131	
m-Xylene & p-Xylene	25.0	23.9	95	83-113	
Naphthalene	25.0	18.9	76	32-141	
n-Butylbenzene	25.0	25.5	102	66-125	
n-Propylbenzene	25.0	24.2	97	74-121	
o-Xylene	25.0	24.2	97	83-113	
sec-Butylbenzene	25.0	26.6	106	70-117	
Styrene	25.0	24.1	96	79-114	
Tetrachloroethene	25.0	25.4	102	79-114	
Toluene	25.0	24.1	96	84-111	
trans-1,2-Dichloroethene	25.0	25.3	101	83-117	
trans-1,3-Dichloropropene	25.0	22.0	88	58-117	
Trichloroethene	25.0	26.1	104	76-117	
Trichlorofluoromethane	25.0	27.0	108	49-157	
Vinyl acetate	40.0	37.0	92	46-161	
Vinyl chloride	25.0	23.9	96	53-127	
Xylenes, Total	50.0	48.1	96	83-112	
tert-Butylbenzene	25.0	25.6	102	71-115	
1,2-Dibromoethane	25.0	22.9	92	79-113	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 145419.D

Lab ID: LCS 240-106475/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	48.3	97	81-119	
1,1,1-Trichloroethane	50.0	44.1	88	77-126	
1,1,2,2-Tetrachloroethane	50.0	48.5	97	77-123	
1,1,2-Trichloro-1,2,2-trichfluoroethane	50.0	48.5	97	82-138	
1,1-Dichloroethane	50.0	45.2	90	76-115	
1,1-Dichloroethene	50.0	44.6	89	75-135	
1,1-Dichloropropene	50.0	49.9	100	80-120	
1,2,3-Trichlorobenzene	50.0	48.2	96	61-121	
1,2,3-Trichloropropane	50.0	50.2	100	84-126	
1,2,4-Trichlorobenzene	50.0	49.8	100	64-124	
1,2,4-Trimethylbenzene	50.0	44.3	89	80-129	
1,2-Dibromo-3-Chloropropane	50.0	48.4	97	61-132	
1,2-Dichlorobenzene	50.0	48.9	98	76-110	
1,2-Dichloroethane	50.0	39.4	79	72-120	
1,2-Dichloropropane	50.0	45.8	92	87-113	
1,3-Dichlorobenzene	50.0	49.7	99	78-111	
1,3-Dichloropropane	50.0	47.8	96	82-118	
1,4-Dichlorobenzene	50.0	49.0	98	75-110	
2,2-Dichloropropane	50.0	52.3	105	69-135	
2-Butanone	100	91.0	91	52-131	
2-Chloroethyl vinyl ether	60.0	54.5	91	28-173	
2-Chlorotoluene	50.0	50.4	101	78-119	
2-Hexanone	100	93.7	94	64-136	
4-Chlorotoluene	50.0	49.6	99	79-118	
p-Isopropyltoluene	50.0	47.7	95	77-131	
4-Methyl-2-pentanone	100	95.8	96	67-135	
Acetone	100	95.1	95	41-137	
Benzene	50.0	47.2	94	79-112	
Bromobenzene	50.0	51.1	102	81-115	
Bromoform	50.0	49.2	98	62-133	
Bromomethane	50.0	16.8	34	42-136	*
Carbon disulfide	50.0	51.6	103	62-146	
Carbon tetrachloride	50.0	41.7	83	71-129	
Chlorobenzene	50.0	47.9	96	78-110	
Dibromochloromethane	50.0	48.4	97	72-127	
Chloroethane	50.0	24.3	49	58-117	*
Chloroform	50.0	42.3	85	77-114	
Chloromethane	50.0	33.7	67	50-110	
cis-1,2-Dichloroethene	50.0	48.2	96	76-113	
cis-1,3-Dichloropropene	50.0	44.3	89	74-128	
Dibromomethane	50.0	46.8	94	85-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 145419.D

Lab ID: LCS 240-106475/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	50.0	47.2	94	79-111	
Dichlorodifluoromethane	50.0	36.6	73	26-113	
Bromodichloromethane	50.0	42.8	86	84-122	
tert-Butyl alcohol	500	592	118	60-125	
Ethylbenzene	50.0	49.2	98	79-117	
Hexachlorobutadiene	50.0	51.3	103	54-131	
Isopropylbenzene	50.0	49.6	99	76-122	
Methyl tert-butyl ether	50.0	49.3	99	49-165	
Methylene Chloride	50.0	41.1	82	75-118	
m-Xylene & p-Xylene	50.0	49.2	98	80-117	
Naphthalene	50.0	49.7	99	65-123	
n-Butylbenzene	50.0	49.8	100	68-135	
n-Propylbenzene	50.0	52.2	104	81-129	
o-Xylene	50.0	49.1	98	80-120	
sec-Butylbenzene	50.0	49.5	99	74-129	
Styrene	50.0	42.0	84	87-117	*
Tetrachloroethene	50.0	51.3	103	79-114	
Toluene	50.0	48.1	96	75-111	
trans-1,2-Dichloroethene	50.0	49.2	98	78-117	
trans-1,3-Dichloropropene	50.0	53.3	107	73-131	
Trichloroethene	50.0	50.2	100	79-113	
Trichlorofluoromethane	50.0	28.2	56	57-146	*
Vinyl acetate	80.0	74.0	92	70-130	
Vinyl chloride	50.0	36.7	73	57-114	
Xylenes, Total	100	98.3	98	80-118	
tert-Butylbenzene	50.0	46.1	92	76-126	
1,2-Dibromoethane	50.0	48.7	97	83-117	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXM1006.D

Lab ID: MRL 240-105630/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Chloroethyl vinyl ether	0.00200	10 U	140	10-150	
2-Hexanone	0.0100	10 U	88	10-150	
Naphthalene	0.00100	1.0 U	133	10-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 145420.D

Lab ID: MRL 240-106475/6 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,2-Dichloroethane	0.00500	1.0 U	76	10-150	
Bromomethane	0.00500	1.0 U	37	10-150	
Chloroethane	0.00500	1.0 U	52	10-150	
Chloromethane	0.00500	1.0 U	71	10-150	
tert-Butyl alcohol	0.0500	50 U	117	10-150	
Styrene	0.00500	1.0 U	82	10-150	
Trichlorofluoromethane	0.00500	1.0 U	54	10-150	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXM1027.D

Lab ID: 240-29975-B-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	25.0	1.0 U	26.1	104	64-118	
1,1,1-Trichloroethane	25.0	1.0 U	27.5	110	68-121	
1,1,2,2-Tetrachloroethane	25.0	1.0 U	20.7	83	63-122	
1,1,2-Trichloro-1,2,2-trichfluoroethane	25.0	1.0 U	25.0	100	70-152	
1,1-Dichloroethane	25.0	1.0 U	24.1	96	79-116	
1,1-Dichloroethene	25.0	1.0 U	24.0	96	74-135	
1,1-Dichloropropene	25.0	1.0 U	27.1	108	80-114	
1,2,3-Trichlorobenzene	25.0	1.0 U	22.8	91	45-129	
1,2,3-Trichloropropane	25.0	1.0 U	23.1	92	67-132	
1,2,4-Trichlorobenzene	25.0	1.0 U	21.1	84	38-138	
1,2,4-Trimethylbenzene	25.0	1.0 U	22.5	90	67-124	
1,2-Dibromo-3-Chloropropane	25.0	2.0 U	22.2	89	32-139	
1,2-Dichlorobenzene	25.0	1.0 U	22.2	89	75-111	
1,2-Dichloroethane	25.0	1.0 U	25.2	101	68-129	
1,2-Dichloropropane	25.0	1.0 U	23.9	96	78-115	
1,3-Dichlorobenzene	25.0	1.0 U	21.6	86	73-110	
1,3-Dichloropropane	25.0	1.0 U	21.9	87	74-118	
1,4-Dichlorobenzene	25.0	1.0 U	21.0	84	75-110	
2,2-Dichloropropane	25.0	1.0 U	27.4	110	38-127	
2-Butanone	50.0	10 U	41.3	83	54-129	
2-Chloroethyl vinyl ether	30.0	10 U	10 U	0	10-150	F
2-Chlorotoluene	25.0	1.0 U	22.5	90	69-117	
2-Hexanone	50.0	10 U	35.2	70	47-139	
4-Chlorotoluene	25.0	1.0 U	21.6	86	71-116	
p-Isopropyltoluene	25.0	1.0 U	24.3	97	64-122	
4-Methyl-2-pentanone	50.0	10 U	41.3	83	56-131	
Acetone	50.0	7.4 J	47.8	81	33-145	
Benzene	25.0	1.0 U	24.7	99	72-121	
Bromobenzene	25.0	1.0 U	22.0	88	71-116	
Bromoform	25.0	1.0 U	21.2	85	32-128	
Bromomethane	25.0	1.0 U	25.2	101	10-186	
Carbon disulfide	25.0	0.18 J	25.9	103	57-147	
Carbon tetrachloride	25.0	1.0 U	25.6	102	59-129	
Chlorobenzene	25.0	1.0 U	22.6	90	80-110	
Dibromochloromethane	25.0	1.0 U	22.2	89	56-118	
Chloroethane	25.0	1.0 U	24.2	97	21-165	
Chloroform	25.0	1.0 U	25.1	100	76-118	
Chloromethane	25.0	1.0 U	23.8	95	33-132	
cis-1,2-Dichloroethene	25.0	0.64 J	25.0	97	70-120	
cis-1,3-Dichloropropene	25.0	1.0 U	23.9	96	51-110	
Dibromomethane	25.0	1.0 U	25.5	102	77-121	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXM1027.D

Lab ID: 240-29975-B-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Bromochloromethane	25.0	1.0 U	24.7	99	73-121	
Dichlorodifluoromethane	25.0	1.0 U	30.7	123	17-128	
Bromodichloromethane	25.0	1.0 U	25.4	101	67-120	
tert-Butyl alcohol	250	50 U	217	87	70-130	
Ethylbenzene	25.0	1.0 U	23.2	93	75-116	
Hexachlorobutadiene	25.0	1.0 U	32.9	131	27-132	
Isopropylbenzene	25.0	1.0 U	25.9	104	68-116	
Methyl tert-butyl ether	25.0	1.0 U	22.1	88	46-144	
Methylene Chloride	25.0	1.0 U	21.1	85	63-128	
m-Xylene & p-Xylene	25.0	2.0 U	22.9	92	75-117	
Naphthalene	25.0	1.0 U	18.6	74	15-158	
n-Butylbenzene	25.0	1.0 U	22.1	88	56-127	
n-Propylbenzene	25.0	1.0 U	22.1	88	64-124	
o-Xylene	25.0	1.0 U	24.2	97	76-116	
sec-Butylbenzene	25.0	1.0 U	23.9	96	60-119	
Styrene	25.0	1.0 U	23.4	94	71-117	
Tetrachloroethene	25.0	1.0 U	24.4	98	70-117	
Toluene	25.0	1.0 U	23.7	95	78-114	
trans-1,2-Dichloroethene	25.0	1.0 U	25.2	101	80-119	
trans-1,3-Dichloropropene	25.0	1.0 U	21.7	87	46-116	
Trichloroethene	25.0	13	36.8	94	66-120	
Trichlorofluoromethane	25.0	1.0 U	28.7	115	46-157	
Vinyl acetate	40.0	2.0 U	32.2	80	43-157	
Vinyl chloride	25.0	1.0 U	24.5	98	49-130	
Xylenes, Total	50.0	2.0 U	47.1	94	76-116	
tert-Butylbenzene	25.0	1.0 U	23.6	94	61-119	
1,2-Dibromoethane	25.0	1.0 U	23.2	93	74-113	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 145426.D

Lab ID: 240-30066-D-3-C MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	48.8	4.7 U	42.2	87	51-128	
1,1,2,2-Tetrachloroethane	48.8	4.7 U	8.65	18	16-179	
1,1,2-Trichloro-1,2,2-trichfluoroethane	48.8	4.7 U	48.4	99	50-147	
1,1-Dichloroethane	48.8	4.7 U	44.1	90	54-122	
1,1-Dichloroethene	48.8	4.7 U	44.1	90	49-157	
1,2,4-Trichlorobenzene	48.8	4.7 U	26.3	54	10-111	
1,2-Dibromo-3-Chloropropane	48.8	9.4 U	41.1	84	10-153	
1,2-Dichlorobenzene	48.8	4.7 U	32.9	67	17-122	
1,2-Dichloroethane	48.8	4.7 U	36.8	75	49-123	
1,2-Dichloropropane	48.8	4.7 U	41.5	85	61-117	
1,3-Dichlorobenzene	48.8	4.7 U	31.7	65	16-126	
1,4-Dichlorobenzene	48.8	4.7 U	30.8	63	15-121	
2-Butanone	97.6	19 U	85.5	88	30-143	
2-Hexanone	97.6	19 U	72.0	74	37-147	
4-Methyl-2-pentanone	97.6	19 U	86.2	88	43-147	
Acetone	97.6	19 U	96.0	98	24-140	
Benzene	48.8	4.7 U	43.0	88	53-118	
Bromoform	48.8	4.7 U	40.6	83	18-129	
Bromomethane	48.8	4.7 U	17.7	36	33-130	
Carbon disulfide	48.8	4.7 U	48.3	99	20-151	
Carbon tetrachloride	48.8	4.7 U	38.6	79	32-137	
Chlorobenzene	48.8	4.7 U	36.8	75	37-116	
Dibromochloromethane	48.8	4.7 U	42.6	87	29-135	
Chloroethane	48.8	4.7 U	24.1	49	45-118	
Chloroform	48.8	4.7 U	40.6	83	53-119	
Chloromethane	48.8	4.7 U	34.9	72	34-117	
cis-1,2-Dichloroethene	48.8	4.7 U	45.8	94	50-119	
cis-1,3-Dichloropropene	48.8	4.7 U	36.5	75	27-133	
Dichlorodifluoromethane	48.8	4.7 U	37.5	77	17-115	
Bromodichloromethane	48.8	4.7 U	37.9	78	35-132	
Ethylbenzene	48.8	4.7 U	35.7	73	30-131	
Isopropylbenzene	48.8	4.7 U	33.9	69	21-134	
Methyl tert-butyl ether	48.8	4.7 U	49.9	102	51-157	
Methylene Chloride	48.8	4.7 U	41.4	85	54-115	
m-Xylene & p-Xylene	48.8	9.4 U	35.0	72	29-131	
o-Xylene	48.8	4.7 U	37.3	77	29-134	
Styrene	48.8	4.7 U	30.1	62	27-127	
Tetrachloroethene	48.8	4.7 U	39.8	81	31-135	
Toluene	48.8	4.7 U	40.2	82	39-129	
trans-1,2-Dichloroethene	48.8	4.7 U	47.6	97	50-123	
trans-1,3-Dichloropropene	48.8	4.7 U	43.5	89	28-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 145426.D

Lab ID: 240-30066-D-3-C MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Trichloroethene	48.8	4.7 U	69.1	142	10-177	
Trichlorofluoromethane	48.8	4.7 U	28.4	58	36-142	
Vinyl chloride	48.8	4.7 U	37.7	77	42-117	
Xylenes, Total	97.6	9.4 U	72.3	74	30-131	
1,2-Dibromoethane	48.8	4.7 U	42.7	88	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXM1028.D

Lab ID: 240-29975-B-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	25.0	29.7	119	13	30	64-118	F
1,1,1-Trichloroethane	25.0	30.6	122	11	30	68-121	F
1,1,2,2-Tetrachloroethane	25.0	22.5	90	8	30	63-122	
1,1,2-Trichloro-1,2,2-trichfluoroethane	25.0	27.4	109	9	30	70-152	
1,1-Dichloroethane	25.0	28.1	112	15	30	79-116	
1,1-Dichloroethene	25.0	27.4	110	13	30	74-135	
1,1-Dichloropropene	25.0	29.6	119	9	30	80-114	F
1,2,3-Trichlorobenzene	25.0	26.1	105	14	30	45-129	
1,2,3-Trichloropropane	25.0	24.9	99	8	30	67-132	
1,2,4-Trichlorobenzene	25.0	24.7	99	16	30	38-138	
1,2,4-Trimethylbenzene	25.0	25.9	104	14	30	67-124	
1,2-Dibromo-3-Chloropropane	25.0	22.5	90	1	30	32-139	
1,2-Dichlorobenzene	25.0	25.3	101	13	30	75-111	
1,2-Dichloroethane	25.0	27.9	112	10	30	68-129	
1,2-Dichloropropane	25.0	26.7	107	11	30	78-115	
1,3-Dichlorobenzene	25.0	24.9	100	14	30	73-110	
1,3-Dichloropropane	25.0	24.3	97	10	30	74-118	
1,4-Dichlorobenzene	25.0	24.2	97	14	30	75-110	
2,2-Dichloropropane	25.0	30.7	123	11	30	38-127	
2-Butanone	50.0	41.4	83	0	30	54-129	
2-Chloroethyl vinyl ether	30.0	10 U	0	NC	30	10-150	F
2-Chlorotoluene	25.0	25.8	103	13	30	69-117	
2-Hexanone	50.0	39.9	80	13	30	47-139	
4-Chlorotoluene	25.0	25.3	101	16	30	71-116	
p-Isopropyltoluene	25.0	27.6	110	13	30	64-122	
4-Methyl-2-pentanone	50.0	44.1	88	7	30	56-131	
Acetone	50.0	48.1	81	1	30	33-145	
Benzene	25.0	27.6	110	11	30	72-121	
Bromobenzene	25.0	25.9	104	16	30	71-116	
Bromoform	25.0	22.6	90	6	30	32-128	
Bromomethane	25.0	28.3	113	12	30	10-186	
Carbon disulfide	25.0	29.6	118	13	30	57-147	
Carbon tetrachloride	25.0	29.0	116	12	30	59-129	
Chlorobenzene	25.0	26.2	105	15	30	80-110	
Dibromochloromethane	25.0	24.5	98	10	30	56-118	
Chloroethane	25.0	27.2	109	11	30	21-165	
Chloroform	25.0	28.2	113	12	30	76-118	
Chloromethane	25.0	27.6	110	15	30	33-132	
cis-1,2-Dichloroethene	25.0	28.5	111	13	30	70-120	
cis-1,3-Dichloropropene	25.0	27.4	109	13	30	51-110	
Dibromomethane	25.0	27.8	111	9	30	77-121	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXM1028.D

Lab ID: 240-29975-B-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromochloromethane	25.0	27.5	110	11	30	73-121	
Dichlorodifluoromethane	25.0	34.0	136	10	30	17-128	F
Bromodichloromethane	25.0	28.4	114	11	30	67-120	
tert-Butyl alcohol	250	220	88	2	30	70-130	
Ethylbenzene	25.0	26.7	107	14	30	75-116	
Hexachlorobutadiene	25.0	36.4	146	10	30	27-132	F
Isopropylbenzene	25.0	28.7	115	10	30	68-116	
Methyl tert-butyl ether	25.0	24.3	97	10	30	46-144	
Methylene Chloride	25.0	24.9	99	16	30	63-128	
m-Xylene & p-Xylene	25.0	26.3	105	14	30	75-117	
Naphthalene	25.0	21.2	85	13	30	15-158	
n-Butylbenzene	25.0	24.9	99	12	30	56-127	
n-Propylbenzene	25.0	25.4	102	14	30	64-124	
o-Xylene	25.0	27.3	109	12	30	76-116	
sec-Butylbenzene	25.0	27.4	109	13	30	60-119	
Styrene	25.0	26.8	107	14	30	71-117	
Tetrachloroethene	25.0	27.4	110	12	30	70-117	
Toluene	25.0	27.1	108	13	30	78-114	
trans-1,2-Dichloroethene	25.0	29.0	116	14	30	80-119	
trans-1,3-Dichloropropene	25.0	24.9	99	13	30	46-116	
Trichloroethene	25.0	41.3	112	12	30	66-120	
Trichlorofluoromethane	25.0	31.7	127	10	30	46-157	
Vinyl acetate	40.0	36.5	91	13	30	43-157	
Vinyl chloride	25.0	28.2	113	14	30	49-130	
Xylenes, Total	50.0	53.6	107	13	30	76-116	
tert-Butylbenzene	25.0	27.1	108	14	30	61-119	
1,2-Dibromoethane	25.0	25.5	102	9	30	74-113	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 145427.D

Lab ID: 240-30066-D-3-D MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	46.6	42.0	90	1	30	51-128	
1,1,2,2-Tetrachloroethane	46.6	4.76	10	58	30	16-179	F
1,1,2-Trichloro-1,2,2-trichfluoroethane	46.6	46.9	101	3	30	50-147	
1,1-Dichloroethane	46.6	43.0	92	3	30	54-122	
1,1-Dichloroethene	46.6	42.0	90	5	30	49-157	
1,2,4-Trichlorobenzene	46.6	25.6	55	3	30	10-111	
1,2-Dibromo-3-Chloropropane	46.6	39.7	85	4	30	10-153	
1,2-Dichlorobenzene	46.6	34.0	73	3	30	17-122	
1,2-Dichloroethane	46.6	37.0	79	0	30	49-123	
1,2-Dichloropropane	46.6	41.9	90	1	30	61-117	
1,3-Dichlorobenzene	46.6	32.7	70	3	30	16-126	
1,4-Dichlorobenzene	46.6	31.9	68	3	30	15-121	
2-Butanone	93.2	82.6	89	3	30	30-143	
2-Hexanone	93.2	73.6	79	2	30	37-147	
4-Methyl-2-pentanone	93.2	86.1	92	0	30	43-147	
Acetone	93.2	94.1	101	2	30	24-140	
Benzene	46.6	42.7	92	1	30	53-118	
Bromoform	46.6	42.3	91	4	30	18-129	
Bromomethane	46.6	17.7	38	0	30	33-130	
Carbon disulfide	46.6	46.8	100	3	30	20-151	
Carbon tetrachloride	46.6	38.3	82	1	30	32-137	
Chlorobenzene	46.6	37.8	81	3	30	37-116	
Dibromochloromethane	46.6	42.7	92	0	30	29-135	
Chloroethane	46.6	25.6	55	6	30	45-118	
Chloroform	46.6	39.5	85	3	30	53-119	
Chloromethane	46.6	33.5	72	4	30	34-117	
cis-1,2-Dichloroethene	46.6	45.1	97	1	30	50-119	
cis-1,3-Dichloropropene	46.6	36.5	78	0	30	27-133	
Dichlorodifluoromethane	46.6	36.1	78	4	30	17-115	
Bromodichloromethane	46.6	38.3	82	1	30	35-132	
Ethylbenzene	46.6	37.1	80	4	30	30-131	
Isopropylbenzene	46.6	35.1	75	3	30	21-134	
Methyl tert-butyl ether	46.6	48.9	105	2	30	51-157	
Methylene Chloride	46.6	39.5	85	5	30	54-115	
m-Xylene & p-Xylene	46.6	36.8	79	5	30	29-131	
o-Xylene	46.6	38.6	83	3	30	29-134	
Styrene	46.6	31.0	66	3	30	27-127	
Tetrachloroethene	46.6	41.4	89	4	30	31-135	
Toluene	46.6	41.7	90	4	30	39-129	
trans-1,2-Dichloroethene	46.6	45.2	97	5	30	50-123	
trans-1,3-Dichloropropene	46.6	45.8	98	5	30	28-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 145427.D

Lab ID: 240-30066-D-3-D MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Trichloroethene	46.6	73.6	158	6	30	10-177	
Trichlorofluoromethane	46.6	30.0	64	6	30	36-142	
Vinyl chloride	46.6	36.4	78	3	30	42-117	
Xylenes, Total	93.2	75.4	81	4	30	30-131	
1,2-Dibromoethane	46.6	44.1	95	3	30	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab File ID: 145422.D Lab Sample ID: MB 240-106475/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 10/21/2013 18:50

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-106475/5	145419.D	10/21/2013 17:46
	240-30066-D-3-C MS	145426.D	10/21/2013 20:17
	240-30066-D-3-D MSD	145427.D	10/21/2013 20:38
I-DC-SCA-2	240-30141-1	145428.D	10/21/2013 21:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab File ID: UXM1009.D Lab Sample ID: MB 240-105630/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX16 Date Analyzed: 10/15/2013 13:42

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-105630/6	UXM1007.D	10/15/2013 12:58
TB-101013	240-30141-2	UXM1021.D	10/15/2013 18:39
	240-29975-B-2 MS	UXM1027.D	10/15/2013 20:52
	240-29975-B-2 MSD	UXM1028.D	10/15/2013 21:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab File ID: BFB14532.D BFB Injection Date: 09/27/2013

Instrument ID: A3UX14 BFB Injection Time: 15:32

Analysis Batch No.: 103323

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.3	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.2	(0.3)1
174	50.0 - 120.00 % of mass 95	82.3	
175	5.0 - 9.0 % of mass 174	6.4	(7.8)1
176	95.0 - 101.0 % of mass 174	79.6	(96.8)1
177	5.0 - 9.0 % of mass 176	5.3	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-103323/3	144943.D	09/27/2013	16:19
	IC 240-103323/4	144944.D	09/27/2013	16:44
	IC 240-103323/5	144945.D	09/27/2013	17:08
	ICIS 240-103323/6	144946.D	09/27/2013	17:33
	IC 240-103323/7	144947.D	09/27/2013	17:57
	IC 240-103323/8	144948.D	09/27/2013	18:21
	IC 240-103323/9	144949.D	09/27/2013	18:46
	IC 240-103323/10	144950.D	09/27/2013	19:10
	IC 240-103323/11	144951.D	09/27/2013	19:35
	IC 240-103323/12	144952.D	09/27/2013	19:59
	IC 240-103323/13	144953.D	09/27/2013	20:24
	IC 240-103323/14	144954.D	09/27/2013	20:48
	IC 240-103323/15	144955.D	09/27/2013	21:13
	IC 240-103323/16	144956.D	09/27/2013	21:37
	IC 240-103323/17	144957.D	09/27/2013	22:02
	IC 240-103323/18	144958.D	09/27/2013	22:26
	IC 240-103323/19	144959.D	09/27/2013	22:51
	IC 240-103323/20	144960.D	09/27/2013	23:16
	ICV 240-103323/21	144961.D	09/27/2013	23:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab File ID: BFB14548.D BFB Injection Date: 10/21/2013

Instrument ID: A3UX14 BFB Injection Time: 16:20

Analysis Batch No.: 106475

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.8	
75	30.0 - 60.0 % of mass 95	38.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	90.4	
175	5.0 - 9.0 % of mass 174	6.2	(6.9)1
176	95.0 - 101.0 % of mass 174	86.8	(96.0)1
177	5.0 - 9.0 % of mass 176	5.7	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-106475/3	145417.D	10/21/2013	17:03
	CCV 240-106475/4	145418.D	10/21/2013	17:24
	LCS 240-106475/5	145419.D	10/21/2013	17:46
	MRL 240-106475/6	145420.D	10/21/2013	18:07
	MRL 240-106475/7	145421.D	10/21/2013	18:29
	MB 240-106475/8	145422.D	10/21/2013	18:50
	240-30066-D-3-C MS	145426.D	10/21/2013	20:17
	240-30066-D-3-D MSD	145427.D	10/21/2013	20:38
I-DC-SCA-2	240-30141-1	145428.D	10/21/2013	21:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab File ID: BFB3777.D BFB Injection Date: 10/02/2013

Instrument ID: A3UX16 BFB Injection Time: 10:38

Analysis Batch No.: 103835

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.2	
75	30.0 - 60.0 % of mass 95	48.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	78.1	
175	5.0 - 9.0 % of mass 174	5.2	(6.7)1
176	95.0 - 101.0 % of mass 174	74.7	(95.7)1
177	5.0 - 9.0 % of mass 176	4.7	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-103835/2	UXM0690.D	10/02/2013	11:03
	STD8260 240-103835/3	UXM0691.D	10/02/2013	11:26
	STD8260 240-103835/4	UXM0692.D	10/02/2013	11:48
	STD8260 240-103835/5	UXM0693.D	10/02/2013	12:10
	STD8260 240-103835/6	UXM0694.D	10/02/2013	12:32
	STD8260 240-103835/7	UXM0695.D	10/02/2013	12:55
	STD8260 240-103835/8	UXM0696.D	10/02/2013	13:17
	STDA9 240-103835/9	UXM0697.D	10/02/2013	13:39
	STDA9 240-103835/10	UXM0698.D	10/02/2013	14:01
	STDA9 240-103835/11	UXM0699.D	10/02/2013	14:23
	STDA9 240-103835/12	UXM0700.D	10/02/2013	14:45
	STDA9 240-103835/13	UXM0701.D	10/02/2013	15:07
	STDA9 240-103835/14	UXM0702.D	10/02/2013	15:30
	ICV 240-103835/15	UXM0703.D	10/02/2013	15:52

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab File ID: BFB3738.D BFB Injection Date: 10/15/2013

Instrument ID: A3UX16 BFB Injection Time: 11:03

Analysis Batch No.: 105630

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.4	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.8	(0.9)1
174	50.0 - 120.00 % of mass 95	89.2	
175	5.0 - 9.0 % of mass 174	6.4	(7.2)1
176	95.0 - 101.0 % of mass 174	87.7	(98.3)1
177	5.0 - 9.0 % of mass 176	5.3	(6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-105630/2	UXM1003.D	10/15/2013	11:28
	CCV 240-105630/3	UXM1004.D	10/15/2013	11:51
	MRL 240-105630/5	UXM1006.D	10/15/2013	12:36
	LCS 240-105630/6	UXM1007.D	10/15/2013	12:58
	MB 240-105630/8	UXM1009.D	10/15/2013	13:42
TB-101013	240-30141-2	UXM1021.D	10/15/2013	18:39
	240-29975-B-2 MS	UXM1027.D	10/15/2013	20:52
	240-29975-B-2 MSD	UXM1028.D	10/15/2013	21:14

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Sample No.: ICIS 240-103323/6 Date Analyzed: 09/27/2013 17:33

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 144946.D Heated Purge: (Y/N) Y

Calibration ID: 17834

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2164844	6.76	1401085	9.48	720150	11.45
UPPER LIMIT		4329688	7.26	2802170	9.98	1440300	11.95
LOWER LIMIT		1082422	6.26	700543	8.98	360075	10.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-103323/21		2077608	6.77	1389133	9.48	714234	11.46
CCVIS 240-106475/3		2853954	6.76	1818124	9.48	927318	11.45

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Sample No.: CCVIS 240-106475/3 Date Analyzed: 10/21/2013 17:03

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 145417.D Heated Purge: (Y/N) Y

Calibration ID: 17836

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2853954	6.76	1818124	9.48	927318	11.45
UPPER LIMIT		5707908	7.26	3636248	9.98	1854636	11.95
LOWER LIMIT		1426977	6.26	909062	8.98	463659	10.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-106475/4		2833945	6.76	1736933	9.48	889465	11.45
LCS 240-106475/5		2979993	6.76	1955512	9.48	981542	11.45
MRL 240-106475/6		2840697	6.76	1790004	9.48	955844	11.45
MRL 240-106475/7		2807733	6.76	1751174	9.48	916415	11.45
MB 240-106475/8		2673222	6.76	1628419	9.48	878636	11.45
240-30066-D-3-C MS		2689617	6.76	1703866	9.48	853391	11.45
240-30066-D-3-D MSD		2298154	6.76	1425148	9.48	724428	11.45
240-30141-1	I-DC-SCA-2	2446940	6.76	1456690	9.48	754538	11.45

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Sample No.: STD8260 240-103835/4 Date Analyzed: 10/02/2013 11:48

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXM0692.D Heated Purge: (Y/N) N

Calibration ID: 17842

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		4265306	5.60	2579353	8.30	1359224	10.53
UPPER LIMIT		8530612	6.10	5158706	8.80	2718448	11.03
LOWER LIMIT		2132653	5.10	1289677	7.80	679612	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-103835/15		3719101	5.60	2390945	8.30	1254524	10.53
CCVIS 240-105630/2		3356587	5.59	2127959	8.30	1117767	10.53

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Sample No.: CCVIS 240-105630/2 Date Analyzed: 10/15/2013 11:28

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXM1003.D Heated Purge: (Y/N) N

Calibration ID: 17844

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3356587	5.59	2127959	8.30	1117767	10.53
UPPER LIMIT		6713174	6.09	4255918	8.80	2235534	11.03
LOWER LIMIT		1678294	5.09	1063980	7.80	558884	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-105630/3		2999806	5.60	1931478	8.30	966862	10.53
MRL 240-105630/5		2841232	5.60	1870631	8.30	951365	10.53
LCS 240-105630/6		3208926	5.60	2093055	8.30	1120272	10.53
MB 240-105630/8		2590606	5.60	1698576	8.30	823273	10.53
240-30141-2	TB-101013	2440715	5.60	1650532	8.30	795840	10.53
240-29975-B-2 MS		2757071	5.60	1786314	8.30	1015643	10.53
240-29975-B-2 MSD		2811082	5.60	1807274	8.30	986372	10.53

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: I-DC-SCA-2 Lab Sample ID: 240-30141-1

Matrix: Solid Lab File ID: 145428.D

Analysis Method: 8260C Date Collected: 10/10/2013 11:45

Sample wt/vol: 5.56(g) Date Analyzed: 10/21/2013 21:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.8 Level: (low/med) Low

Analysis Batch No.: 106475 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.1	U	5.1	0.63
71-55-6	1,1,1-Trichloroethane	5.1	U	5.1	0.57
79-34-5	1,1,2,2-Tetrachloroethane	5.1	U	5.1	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	5.1	U	5.1	1.3
75-34-3	1,1-Dichloroethane	5.1	U	5.1	0.37
75-35-4	1,1-Dichloroethene	5.1	U	5.1	0.53
563-58-6	1,1-Dichloropropene	5.1	U	5.1	0.31
87-61-6	1,2,3-Trichlorobenzene	5.1	U	5.1	0.39
96-18-4	1,2,3-Trichloropropane	5.1	U	5.1	0.92
526-73-8	1,2,3-Trimethylbenzene	5.1	U	5.1	0.17
120-82-1	1,2,4-Trichlorobenzene	5.1	U	5.1	0.28
95-63-6	1,2,4-Trimethylbenzene	5.1	U	5.1	0.66
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	1.3
95-50-1	1,2-Dichlorobenzene	5.1	U	5.1	0.37
107-06-2	1,2-Dichloroethane	5.1	U	5.1	0.35
78-87-5	1,2-Dichloropropane	5.1	U	5.1	0.70
541-73-1	1,3-Dichlorobenzene	5.1	U	5.1	0.36
142-28-9	1,3-Dichloropropane	5.1	U	5.1	0.35
106-46-7	1,4-Dichlorobenzene	5.1	U	5.1	0.67
594-20-7	2,2-Dichloropropane	5.1	U	5.1	0.96
78-93-3	2-Butanone	2.3	J	20	1.4
110-75-8	2-Chloroethyl vinyl ether	51	U	51	1.4
95-49-8	2-Chlorotoluene	5.1	U	5.1	0.41
591-78-6	2-Hexanone	20	U	20	0.64
106-43-4	4-Chlorotoluene	5.1	U	5.1	0.42
99-87-6	p-Isopropyltoluene	0.63	J	5.1	0.21
108-10-1	4-Methyl-2-pentanone	20	U	20	0.55
67-64-1	Acetone	20		20	6.4
71-43-2	Benzene	5.1	U	5.1	0.23
108-86-1	Bromobenzene	5.1	U	5.1	0.34
75-25-2	Bromoform	5.1	U	5.1	0.34
74-83-9	Bromomethane	5.1	U *	5.1	0.55
75-15-0	Carbon disulfide	5.1	U	5.1	0.45
56-23-5	Carbon tetrachloride	5.1	U	5.1	0.38
108-90-7	Chlorobenzene	5.1	U	5.1	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: I-DC-SCA-2 | Lab Sample ID: 240-30141-1

Matrix: Solid | Lab File ID: 145428.D

Analysis Method: 8260C | Date Collected: 10/10/2013 11:45

Sample wt/vol: 5.56(g) | Date Analyzed: 10/21/2013 21:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.8 | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	5.1	U	5.1	0.56
75-00-3	Chloroethane	5.1	U *	5.1	0.88
67-66-3	Chloroform	5.1	U	5.1	0.30
74-87-3	Chloromethane	5.1	U	5.1	0.42
156-59-2	cis-1,2-Dichloroethene	5.1	U	5.1	0.37
10061-01-5	cis-1,3-Dichloropropene	5.1	U	5.1	0.35
74-95-3	Dibromomethane	5.1	U	5.1	0.64
74-97-5	Bromochloromethane	5.1	U	5.1	0.72
75-71-8	Dichlorodifluoromethane	5.1	U	5.1	0.51
75-27-4	Bromodichloromethane	5.1	U	5.1	0.29
75-65-0	tert-Butyl alcohol	200	U	200	7.8
100-41-4	Ethylbenzene	5.1	U	5.1	0.27
87-68-3	Hexachlorobutadiene	5.1	U	5.1	1.2
108-20-3	Diisopropyl ether	10	U	10	1.5
98-82-8	Isopropylbenzene	5.1	U	5.1	0.16
1634-04-4	Methyl tert-butyl ether	5.1	U	5.1	0.44
75-09-2	Methylene Chloride	5.1	U	5.1	0.68
179601-23-1	m-Xylene & p-Xylene	10	U	10	1.2
91-20-3	Naphthalene	0.45	J	5.1	0.19
104-51-8	n-Butylbenzene	5.1	U	5.1	0.23
103-65-1	n-Propylbenzene	5.1	U	5.1	0.41
95-47-6	o-Xylene	5.1	U	5.1	0.36
135-98-8	sec-Butylbenzene	5.1	U	5.1	0.18
100-42-5	Styrene	5.1	U *	5.1	0.15
994-05-8	Tert-amyl-methyl ether (TAME)	5.1	U	5.1	0.38
637-92-3	Ethyl-t-butyl ether (ETBE)	5.1	U	5.1	0.22
127-18-4	Tetrachloroethene	5.1	U	5.1	0.53
108-88-3	Toluene	5.1	U	5.1	0.28
156-60-5	trans-1,2-Dichloroethene	5.1	U	5.1	0.42
10061-02-6	trans-1,3-Dichloropropene	5.1	U	5.1	0.55
79-01-6	Trichloroethene	5.1	U	5.1	0.43
75-69-4	Trichlorofluoromethane	5.1	U *	5.1	0.35
108-05-4	Vinyl acetate	10	U	10	0.25
75-01-4	Vinyl chloride	5.1	U	5.1	0.40
1330-20-7	Xylenes, Total	10	U	10	0.36
98-06-6	tert-Butylbenzene	5.1	U	5.1	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: I-DC-SCA-2 | Lab Sample ID: 240-30141-1

Matrix: Solid | Lab File ID: 145428.D

Analysis Method: 8260C | Date Collected: 10/10/2013 11:45

Sample wt/vol: 5.56(g) | Date Analyzed: 10/21/2013 21:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.8 | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	5.1	U	5.1	0.51

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		67-125
1868-53-7	Dibromofluoromethane (Surr)	79		37-132
460-00-4	4-Bromofluorobenzene (Surr)	84		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	68		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: TB-101013 Lab Sample ID: 240-30141-2

Matrix: Water Lab File ID: UXM1021.D

Analysis Method: 8260C Date Collected: 10/10/2013 00:00

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 18:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.23
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.22
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	1.0	U	1.0	0.28
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.19
563-58-6	1,1-Dichloropropene	1.0	U	1.0	0.13
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.17
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.43
526-73-8	1,2,3-Trimethylbenzene	5.0	U	5.0	0.0059
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.22
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
142-28-9	1,3-Dichloropropane	1.0	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.13
594-20-7	2,2-Dichloropropane	1.0	U	1.0	0.13
78-93-3	2-Butanone	10	U	10	0.57
110-75-8	2-Chloroethyl vinyl ether	10	U	10	0.99
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.11
591-78-6	2-Hexanone	10	U	10	0.41
106-43-4	4-Chlorotoluene	1.0	U	1.0	0.18
99-87-6	p-Isopropyltoluene	1.0	U	1.0	0.12
108-10-1	4-Methyl-2-pentanone	10	U	10	0.32
67-64-1	Acetone	10	U	10	1.1
71-43-2	Benzene	1.0	U	1.0	0.13
108-86-1	Bromobenzene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.64
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-15-0	Carbon disulfide	0.48	J	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.13
108-90-7	Chlorobenzene	1.0	U	1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: TB-101013 | Lab Sample ID: 240-30141-2

Matrix: Water | Lab File ID: UXM1021.D

Analysis Method: 8260C | Date Collected: 10/10/2013 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.29
67-66-3	Chloroform	0.58	J	1.0	0.16
74-87-3	Chloromethane	1.0	U	1.0	0.30
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14
74-95-3	Dibromomethane	1.0	U	1.0	0.28
74-97-5	Bromochloromethane	1.0	U	1.0	0.29
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
75-65-0	tert-Butyl alcohol	50	U	50	3.9
100-41-4	Ethylbenzene	1.0	U	1.0	0.17
87-68-3	Hexachlorobutadiene	1.0	U *	1.0	0.30
108-20-3	Diisopropyl ether	10	U	10	1.5
98-82-8	Isopropylbenzene	1.0	U	1.0	0.13
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.24
91-20-3	Naphthalene	1.0	U	1.0	0.24
104-51-8	n-Butylbenzene	1.0	U	1.0	0.12
103-65-1	n-Propylbenzene	1.0	U	1.0	0.14
95-47-6	o-Xylene	1.0	U	1.0	0.14
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.13
100-42-5	Styrene	1.0	U	1.0	0.11
994-05-8	Tert-amyl-methyl ether (TAME)	5.0	U	5.0	0.067
637-92-3	Ethyl-t-butyl ether (ETBE)	5.0	U	5.0	0.11
127-18-4	Tetrachloroethene	1.0	U	1.0	0.29
108-88-3	Toluene	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.2		1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.21
108-05-4	Vinyl acetate	2.0	U	2.0	0.19
75-01-4	Vinyl chloride	1.0	U	1.0	0.22
1330-20-7	Xylenes, Total	2.0	U	2.0	0.14
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: TB-101013 | Lab Sample ID: 240-30141-2

Matrix: Water | Lab File ID: UXM1021.D

Analysis Method: 8260C | Date Collected: 10/10/2013 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		74-115
1868-53-7	Dibromofluoromethane (Surr)	97		75-121
460-00-4	4-Bromofluorobenzene (Surr)	81		66-117
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		63-129

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-103323/11	144951.D
Level 2	IC 240-103323/10	144950.D
Level 3	IC 240-103323/9	144949.D
Level 4	IC 240-103323/8	144948.D
Level 5	IC 240-103323/7	144947.D
Level 6	ICIS 240-103323/6	144946.D
Level 7	IC 240-103323/5	144945.D
Level 8	IC 240-103323/4	144944.D
Level 9	IC 240-103323/3	144943.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3181 0.3530	0.2933 0.3507	0.3706 0.3607	0.3621 0.3539	0.3504	Ave		0.3459			0.1000	7.1		15.0			
Chloromethane	0.5451 0.5255	0.5100 0.5257	0.5461 0.5108	0.5484 0.4645	0.5177	Ave		0.5215			0.1000	5.0		15.0			
Vinyl chloride	0.4174 0.4626	0.4268 0.4568	0.4972 0.4605	0.4871 0.4122	0.4638	Ave		0.4538			0.1000	6.5		15.0			
Bromomethane	+++++ 0.1596	0.1879 0.1626	0.1842 0.1662	0.1813 0.1799	0.1713	Ave		0.1741			0.0500	6.1		15.0			
Chloroethane	0.2945 0.2026	0.2440 0.2075	0.2190 0.2022	0.2258 0.2107	0.2065	Ave		0.2236				13.0		15.0			
Dichlorofluoromethane	0.5239 0.5160	0.5159 0.5235	0.5710 0.5177	0.5482 0.4978	0.5403	Ave		0.5283				4.1		15.0			
Trichlorofluoromethane	+++++ 0.4096	+++++ 0.4335	0.3579 0.4566	0.3695 0.4527	0.3812	Ave		0.4087			0.1000	9.8		15.0			
Ethyl ether	+++++ 0.2369	+++++ 0.2288	0.2558 0.2340	0.2450 0.2227	0.2319	Ave		0.2364				4.6		15.0			
Acrolein	+++++ 0.0124	0.0140 0.0118	0.0142 0.0126	0.0129 0.0116	0.0125	Ave		0.0127				7.3		15.0			
1,1-Dichloroethene	0.2956 0.2782	0.2616 0.2788	0.2760 0.2819	0.3003 0.2712	0.2748	Ave		0.2798			0.1000	4.2		15.0			
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.2119 0.2294	0.1864 0.2268	0.2312 0.2304	0.2308 0.2304	0.2211	Ave		0.2220			0.0500	6.7		15.0			
Acetone	+++++ 0.0574	+++++ 0.0563	0.1307 0.0588	0.0786 +++++	0.0596	Qua	0.6251	0.0487	0	*	0.0500				1.0000		0.9900
Iodomethane	0.4600 0.4038	0.4014 0.4091	0.3943 0.4026	0.4163 0.3910	0.3910	Ave		0.4077				5.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon disulfide	0.7335 0.7722	0.6605 0.7920	0.7009 0.8090	0.7414 0.7932	0.7363	Ave		0.7488			0.1000	6.4		15.0			
3-Chloro-1-propene	0.1694 0.1644	0.1406 0.1664	0.1515 0.1697	0.1608 0.1667	0.1568	Ave		0.1607				6.0		15.0			
Methyl acetate	0.1966 0.1868	0.1986 0.1829	0.1805 0.1883	0.1855 0.1824	0.1701	Ave		0.1857			0.1000	4.6		15.0			
tert-Butyl alcohol	0.0149 0.0138	0.0144 0.0131	0.0140 0.0139	0.0134 0.0125	0.0119	Ave		0.0135				6.9		15.0			
Acrylonitrile	0.0742 0.0807	0.0782 0.0779	0.0748 0.0803	0.0730 0.0790	0.0741	Ave		0.0769				3.8		15.0			
trans-1,2-Dichloroethene	0.3011 0.2976	0.2743 0.2947	0.2826 0.2990	0.3034 0.2998	0.2895	Ave		0.2936			0.1000	3.3		15.0			
Methyl tert-butyl ether	0.5700 0.6041	0.5694 0.6064	0.5598 0.6243	0.5707 0.6237	0.5640	Ave		0.5880			0.1000	4.5		15.0			
Hexane	0.2021 0.0830	0.1461 0.0799	0.0982 0.0817	0.0879 0.0823	0.0771	Lin1	0.1126	0.0806							0.9990		0.9900
1,1-Dichloroethane	0.5466 0.5719	0.5134 0.5718	0.5513 0.5799	0.5712 0.5697	0.5522	Ave		0.5587			0.1000	3.7		15.0			
Vinyl acetate	0.0223 0.0235	0.0219 0.0225	0.0187 0.0262	0.0209 0.0254	0.0200	Ave		0.0224				11.0		15.0			
2,2-Dichloropropane	0.1761 0.1979	0.1672 0.1984	0.1912 0.1954	0.1867 0.1952	0.1871	Ave		0.1884				5.6		15.0			
cis-1,2-Dichloroethene	0.3065 0.3091	0.2612 0.3098	0.2855 0.3148	0.3178 0.3096	0.2953	Ave		0.3011			0.1000	6.0		15.0			
2-Butanone	0.1097 0.0921	0.0929 0.0929	0.0834 0.0960	0.0821 0.0950	0.0905	Ave		0.0927			0.0500	8.6		15.0			
Bromochloromethane	0.1420 0.1376	0.1393 0.1314	0.1365 0.1343	0.1283 0.1353	0.1306	Ave		0.1350				3.2		15.0			
Tetrahydrofuran	0.1071 0.0676	0.0817 0.0699	0.0682 0.0729	0.0682 0.0717	0.0636	Lin1	0.0340	0.0710							0.9990		0.9900
Chloroform	0.5331 0.4589	0.4677 0.4548	0.4393 0.4681	0.4542 0.4673	0.4400	Ave		0.4648				6.0		15.0			
1,1,1-Trichloroethane	0.3123 0.3542	0.2908 0.3562	0.3261 0.3651	0.3396 0.3670	0.3293	Ave		0.3378			0.1000	7.6		15.0			
Cyclohexane	0.4828 0.6702	0.4544 0.6708	0.5955 0.6777	0.6323 0.6759	0.6488	Ave		0.6121			0.1000	14.0		15.0			
1,1-Dichloropropene	0.3192 0.3884	0.3002 0.3873	0.3425 0.4018	0.3766 0.4032	0.3722	Ave		0.3657				10.0		15.0			
Carbon tetrachloride	0.2814 0.3550	0.2552 0.3586	0.3101 0.3735	0.3279 0.3873	0.3263	Ave		0.3306			0.1000	13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Isobutyl alcohol	0.0065 0.0083	0.0064 0.0080	0.0076 0.0081	0.0078 0.0083	0.0069	Ave		0.0075				10.0		15.0			
Benzene	1.1205 1.1952	1.0968 1.1987	1.1338 1.2439	1.1796 1.2416	1.1623	Ave		1.1747			0.5000	4.4		15.0			
1,2-Dichloroethane	0.3223 0.3184	0.3120 0.3182	0.3249 0.3309	0.3143 0.3356	0.3079	Ave		0.3205			0.1000	2.8		15.0			
n-Heptane	0.0599 0.0871	0.0537 0.0875	0.0787 0.0916	0.0852 0.0921	0.0818	Lin1	-0.053	0.0909							0.9990		0.9900
Trichloroethene	0.3132 0.3229	0.2803 0.3188	0.3114 0.3341	0.3198 0.3381	0.3117	Ave		0.3167			0.2000	5.2		15.0			
Methylcyclohexane	0.4255 0.5850	0.3981 0.5815	0.4972 0.5952	0.5495 0.6021	0.5443	Ave		0.5309			0.1000	14.0		15.0			
1,2-Dichloropropane	0.2798 0.2980	0.2752 0.3012	0.2922 0.3141	0.2870 0.3075	0.2921	Ave		0.2941			0.1000	4.3		15.0			
Dibromomethane	0.1121 0.1239	0.1246 0.1221	0.1151 0.1270	0.1175 0.1283	0.1196	Ave		0.1211				4.5		15.0			
1,4-Dioxane	0.0018 0.0019	0.0016 0.0018	0.0020 0.0017	0.0019 0.0017	0.0018	Ave		0.0018				6.7		15.0			
Bromodichloromethane	0.2639 0.2961	0.2373 0.3071	0.2620 0.3271	0.2718 0.3312	0.2812	Ave		0.2864			0.1000	11.0		15.0			
2-Chloroethyl vinyl ether	0.0924 0.1180	0.0889 0.1223	0.0980 0.1329	0.0937 0.1333	0.1068	Lin1	-0.191	0.1297							0.9970		0.9900
cis-1,3-Dichloropropene	0.2533 0.3606	0.2681 0.3766	0.2914 0.4039	0.3008 0.4105	0.3362	Lin1	-0.307	0.3979			0.1500				0.9970		0.9900
4-Methyl-2-pentanone	0.2634 0.3236	0.2899 0.3227	0.2657 0.3286	0.2962 0.3160	0.2838	Ave		0.2989			0.0500	8.4		15.0			
Toluene	1.6945 1.8018	1.5733 1.8104	1.6389 1.9073	1.7325 1.8650	1.7214	Ave		1.7495			0.4000	6.1		15.0			
trans-1,3-Dichloropropene	0.3012 0.4021	0.3216 0.4119	0.3286 0.4462	0.3487 0.4396	0.3673	Ave		0.3741			0.1000	14.0		15.0			
Ethyl methacrylate	0.2334 0.3194	0.2239 0.3287	0.2450 0.3481	0.2719 0.3493	0.2937	Lin1	-0.248	0.3425							0.9980		0.9900
1,1,2-Trichloroethane	0.2925 0.2675	0.2864 0.2531	0.2462 0.2673	0.2555 0.2619	0.2556	Ave		0.2651			0.1000	5.8		15.0			
Tetrachloroethene	0.3077 0.3552	0.3245 0.3509	0.3268 0.3663	0.3528 0.3705	0.3385	Ave		0.3437			0.2000	6.1		15.0			
1,3-Dichloropropane	0.4514 0.4720	0.4310 0.4650	0.4540 0.4873	0.4636 0.4894	0.4503	Ave		0.4627				4.0		15.0			
2-Hexanone	0.1859 0.1869	0.1619 0.1873	0.1516 0.1983	0.1706 0.1976	0.1777	Ave		0.1798			0.0500	8.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dibromochloromethane	0.2299 0.2974	0.2518 0.3047	0.2387 0.3266	0.2531 0.3311	0.2660	Ave		0.2777				14.0		15.0			
1,2-Dibromoethane	0.2534 0.2472	0.2445 0.2423	0.2398 0.2557	0.2351 0.2540	0.2392	Ave		0.2457				3.0		15.0			
Chlorobenzene	1.0813 1.1205	1.0547 1.1289	1.0707 1.1923	1.0865 1.1797	1.0954	Ave		1.1122			0.3000	4.3		15.0			
1,1,1,2-Tetrachloroethane	0.3432 0.3781	0.2924 0.3824	0.3140 0.3897	0.3491 0.3876	0.3482	Ave		0.3539				9.7		15.0			
Ethylbenzene	0.5659 0.6308	0.5123 0.6373	0.5629 0.6675	0.6005 0.6671	0.5929	Ave		0.6041				8.6		15.0			
m-Xylene & p-Xylene	0.6973 0.7525	0.6397 0.7576	0.6746 0.8006	0.7278 0.8101	0.7231	Ave		0.7315				7.6		15.0			
o-Xylene	0.6482 0.7707	0.5577 0.7741	0.6386 0.8104	0.7164 0.8148	0.7198	Ave		0.7168				12.0		15.0			
Styrene	0.8325 1.1330	0.8027 1.1755	0.9005 1.2885	1.0062 1.3158	1.0456	Lin1	-1.003	1.2661			0.3000				0.9960		0.9900
Bromoform	0.1435 0.1511	0.1218 0.1654	0.1192 0.1788	0.1377 +++++	0.1373	Ave		0.1444			0.1000	14.0		15.0			
Isopropylbenzene	+++++ 2.0367	1.4159 2.1109	1.6381 2.1032	1.8771 2.0307	1.9163	Ave		1.8911			0.1000	13.0		15.0			
1,1,2,2-Tetrachloroethane	0.6029 0.6389	0.6280 0.6229	0.5719 0.6345	0.5916 0.6304	0.5747	Ave		0.6106			0.3000	4.3		15.0			
Bromobenzene	0.7158 0.8574	0.7643 0.8414	0.7991 0.8870	0.8024 0.8728	0.7838	Ave		0.8138				6.8		15.0			
1,2,3-Trichloropropane	0.1676 0.1747	0.1613 0.1665	0.1762 0.1725	0.1595 0.1748	0.1583	Ave		0.1679				4.2		15.0			
trans-1,4-Dichloro-2-butene	0.1778 0.1860	0.1695 0.1845	0.1702 0.2012	0.1681 0.2017	0.1641	Ave		0.1804				7.8		15.0			
n-Propylbenzene	0.8068 1.1331	0.7964 1.1276	0.9568 1.1809	1.0686 1.1581	1.0367	Ave		1.0295				14.0		15.0			
2-Chlorotoluene	0.6596 0.9466	0.8679 0.9295	0.8464 0.9634	0.9148 0.9614	0.8854	Ave		0.8861				11.0		15.0			
1,3,5-Trimethylbenzene	2.0185 3.1856	2.2239 3.2486	2.6163 3.4417	2.9389 3.3604	2.9217	Lin1	-2.241	3.3544							0.9990		0.9900
4-Chlorotoluene	0.8282 0.9366	0.8144 0.9466	0.8435 0.9869	0.9266 0.9863	0.8887	Ave		0.9064				7.3		15.0			
tert-Butylbenzene	1.8859 2.9686	1.9942 3.0451	2.3089 3.1635	2.5932 3.1335	2.6683	Lin1	-2.252	3.1129							0.9990		0.9900
1,2,4-Trimethylbenzene	2.2548 3.2402	2.1904 3.2911	2.6380 3.4436	3.0068 3.4907	3.0306	Lin1	-2.228	3.4217							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
sec-Butylbenzene	2.7893 4.4840	3.0069 4.5917	3.5323 4.2907	4.0282 3.9903	4.0559	Lin1	-1.779	4.2366							0.9970		0.9900
1,3-Dichlorobenzene	1.6936 1.7069	1.5669 1.7215	1.6504 1.8243	1.6785 1.8419	1.6350	Ave		1.7021			0.6000	5.1		15.0			
p-Isopropyltoluene	2.3273 3.7779	2.4674 3.8411	2.8901 3.8455	3.3597 3.5393	3.4073	Lin1	-2.100	3.7136							0.9980		0.9900
1,4-Dichlorobenzene	1.9297 1.7110	1.6949 1.6877	1.6385 1.7657	1.6891 1.8287	1.6265	Ave		1.7302			0.5000	5.6		15.0			
n-Butylbenzene	2.4237 3.3797	2.3583 3.4376	2.7602 3.6947	3.0211 3.3886	3.0425	Ave		3.0563				15.0		15.0			
1,2-Dichlorobenzene	1.6335 1.6316	1.5771 1.6261	1.5483 1.6960	1.5685 1.7332	1.5494	Ave		1.6182			0.4000	4.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1257 0.1109	0.1038 0.1158	0.0985 0.1274	0.1035 0.1313	0.0999	Ave		0.1130			0.0500	11.0		15.0			
1,2,4-Trichlorobenzene	1.0477 1.1595	1.0648 1.1795	1.0431 1.2229	1.1535 1.2012	1.0729	Ave		1.1272			0.2000	6.2		15.0			
Hexachlorobutadiene	0.5654 0.6014	0.4786 0.6083	0.5924 0.6152	0.5886 0.5791	0.5741	Ave		0.5781				7.0		15.0			
Naphthalene	1.9818 2.4126	1.9976 2.4535	1.9393 2.5708	2.1741 2.5161	2.1298	Ave		2.2417				11.0		15.0			
1,2,3-Trichlorobenzene	0.9882 1.0660	1.0412 1.0589	0.9225 1.0948	1.0319 1.0528	0.9868	Ave		1.0270				5.1		15.0			
Dibromofluoromethane (Surr)	0.2544 0.2537	0.2557 0.2538	0.2555 0.2609	0.2503 0.2629	0.2468	Ave		0.2549				1.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2860 0.2520	0.2811 0.2475	0.2560 0.2600	0.2491 0.2648	0.2584	Ave		0.2616				5.2		15.0			
Toluene-d8 (Surr)	1.4024 1.5631	1.3991 1.5598	1.4656 1.6563	1.5263 1.6248	1.5360	Ave		1.5259				5.9		15.0			
4-Bromofluorobenzene (Surr)	1.0113 0.9435	0.9243 0.9297	0.8787 0.9865	0.9378 0.9807	0.8946	Ave		0.9430				4.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-103323/11	144951.D
Level 2	IC 240-103323/10	144950.D
Level 3	IC 240-103323/9	144949.D
Level 4	IC 240-103323/8	144948.D
Level 5	IC 240-103323/7	144947.D
Level 6	ICIS 240-103323/6	144946.D
Level 7	IC 240-103323/5	144945.D
Level 8	IC 240-103323/4	144944.D
Level 9	IC 240-103323/3	144943.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	13122 764296	24514 1521290	82054 2963657	158646 3178163	310608	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloromethane	FB	Ave	22484 1137621	42618 2280170	120917 4196449	240251 4171745	458942	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl chloride	FB	Ave	17217 1001562	35665 1981504	110088 3783514	213376 3702208	411174	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromomethane	FB	Ave	+++++ 345504	15706 705126	40777 1365312	79427 1615768	151841	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloroethane	FB	Ave	12149 438505	20390 899991	48482 1661339	98902 1892366	183048	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dichlorofluoromethane	FB	Ave	21609 1116999	43116 2270613	126420 4253354	240145 4470466	479006	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichlorofluoromethane	FB	Ave	+++++ 886811	+++++ 1880444	79230 3750986	161877 4065216	337955	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Ethyl ether	FB	Ave	+++++ 512856	+++++ 992400	56634 1922146	107334 1999817	205548	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Acrolein	FB	Ave	+++++ 134000	5858 255924	15690 517582	28209 522849	55189	+++++ 250	10.0 500	25.0 1000	50.0 1250	100
1,1-Dichloroethene	FB	Ave	12193 602366	21862 1209147	61103 2316124	131557 2435892	243645	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	FB	Ave	8742 496661	15577 983506	51178 1892508	101108 2068904	196026	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetone	FB	Qua	+++++ 248311	+++++ 488675	57877 966664	68887 +++++	105636	+++++ 100	+++++ 200	10.0 400	20.0 +++++	40.0
Iodomethane	FB	Ave	18975 874073	33546 1774199	87303 3307775	182388 3511107	346621	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon disulfide	FB	Ave	30255 1671666	55200 3435274	155175 6646337	324784 7123286	652756	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3-Chloro-1-propene	FB	Ave	6986 355930	11753 721669	33534 1394100	70460 1496837	139044	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl acetate	FB	Ave	40548 2021435	82989 3966500	199820 7734425	406284 8189550	754028	5.00 250	10.0 500	25.0 1000	50.0 1250	100
tert-Butyl alcohol	FB	Ave	6129 299668	12011 568058	31025 1145538	58740 1125527	105103	10.0 500	20.0 1000	50.0 2000	100 2500	200
Acrylonitrile	FB	Ave	30604 1747714	65378 3378389	165631 6599510	319804 7092189	656916	10.0 500	20.0 1000	50.0 2000	100 2500	200
trans-1,2-Dichloroethene	FB	Ave	12421 644279	22925 1278167	62576 2456333	132899 2692446	256595	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	23509 1307726	47580 2630268	123950 5129400	249998 5601374	499989	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexane	FB	Lin1	8336 179698	12211 346544	21742 671199	38515 738849	68386	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	22544 1238025	42906 2480258	122048 4764025	250215 5116480	489526	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Ave	882 48868	1756 93732	3968 206461	8799 218824	17047	0.960 48.0	1.92 96.0	4.80 192	9.60 240	19.2
2,2-Dichloropropane	FB	Ave	7265 428431	13974 860428	42335 1605238	81796 1752737	165834	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	12640 669120	21827 1343858	63219 2586196	139199 2780665	261761	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Butanone	FB	Ave	9053 398816	15534 805736	36917 1577973	71912 1706939	160400	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Bromochloromethane	FB	Ave	5856 297821	11638 569899	30230 1103555	56203 1215242	115770	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Lin1	8833 292660	13653 606597	30216 1197989	59757 1287575	112847	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Chloroform	FB	Ave	21989 993399	39085 1972614	97259 3845590	198968 4196610	390080	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	12882 766745	24304 1544750	72203 2999945	148782 3295856	291892	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	19915 1450972	37972 2909428	131846 5567705	277006 6070487	575165	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	13164 840760	25083 1679645	75828 3300985	164983 3620623	329925	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Ave	11605 768532	21329 1555184	68663 3068475	143661 3477821	289260	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Isobutyl alcohol	FB	Ave	6654 446651	13296 863519	42297 1663414	85209 1855365	153355	25.0 1250	50.0 2500	125 5000	250 6250	500
Benzene	FB	Ave	46215 2587423	91657 5199370	251021 10219348	516751 11150831	1030324	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dichloroethane	FB	Ave	13293 689253	26074 1379960	71940 2718664	137668 3013616	272967	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Heptane	FB	Lin1	2472 188498	4487 379540	17435 752653	37303 827504	72539	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	12917 698945	23420 1382624	68946 2744925	140080 3036657	276306	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methylcyclohexane	FB	Ave	17551 1266520	33268 2521956	110088 4889946	240721 5406893	482490	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	11540 645118	22998 1306582	64692 2580764	125732 2761424	258918	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	4624 268132	10414 529481	25490 1043593	51455 1152422	106048	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	1474 80990	2609 154264	8807 280667	16347 310809	32375	20.0 1000	40.0 2000	100 4000	200 5000	400
Bromodichloromethane	FB	Ave	10886 641073	19828 1331950	57998 2687128	119091 2974426	249238	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Lin1	7623 511109	14855 1060802	43381 2183069	82065 2394382	189409	2.00 100	4.00 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Lin1	10446 780659	22408 1633516	64508 3318453	131777 3686985	298017	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone	CBZ	Ave	13615 906825	30956 1840435	77881 3646485	163625 3987210	326589	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBZ	Ave	43797 2524454	83998 5162705	240165 10584337	478477 11766659	990501	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBZ	Ave	7786 563332	17169 1174752	48160 2476229	96289 2773259	211337	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBZ	Lin1	6032 447495	11954 937292	35898 1931713	75092 2204022	169011	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBZ	Ave	7560 374731	15288 721770	36074 1483408	70575 1652220	147086	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBZ	Ave	7953 497674	17327 1000681	47883 2032880	97438 2337417	194749	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichloropropane	CBZ	Ave	11667 661354	23011 1325951	66536 2704004	128025 3087502	259117	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Hexanone	CBZ	Ave	9612 523800	17289 1068026	44430 2201108	94232 2493384	204488	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Dibromochloromethane	CBZ	Ave	5942 416695	13444 869063	34975 1812393	69893 2088746	153085	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromoethane	CBZ	Ave	6550 346332	13055 690900	35142 1418899	64922 1602423	137625	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBZ	Ave	27948 1569939	56309 3219333	156906 6616407	300073 7442934	630315	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	8871 529808	15611 1090580	46019 2162390	96401 2445298	200331	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBZ	Ave	14627 883783	27350 1817513	82483 3704365	165853 4209033	341146	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBZ	Ave	18023 1054264	34155 2160392	98860 4442639	200985 5111191	416096	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
o-Xylene	CBZ	Ave	16755 1079815	29776 2207653	93585 4497328	197844 5140447	414158	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Styrene	CBZ	Lin1	21517 1587482	42857 3352196	131954 7150240	277872 8301341	601642	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromoform	CBZ	Ave	3708 211755	6504 471651	17466 992322	38032 +++++	79003	1.00 50.0	2.00 100	5.00 200	10.0 +++++	20.0
Isopropylbenzene	CBZ	Ave	+++++ 2853631	75593 6019673	240045 11671393	518394 12812085	1102684	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	8059 460117	17362 915893	43104 1813896	84873 2122098	174856	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCB	Ave	9569 617433	21132 1237211	60234 2535793	115111 2937970	238454	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCB	Ave	2241 125793	4459 244790	13278 493313	22884 588293	48147	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2377 133974	4687 271333	12830 575194	24109 678818	49941	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Propylbenzene	DCB	Ave	10786 816026	22018 1658005	72118 3376246	153294 3898521	315414	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCB	Ave	8818 681723	23997 1366618	63798 2754469	131224 3236282	269390	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCB	Lin1	26984 2294106	61487 4776508	197203 9839699	421592 11311982	888911	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCB	Ave	11071 674474	22517 1391826	63581 2821585	132919 3320304	270388	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCB	Lin1	25211 2137838	55137 4477279	174035 9044378	372002 10548302	811802	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCB	Lin1	30142 2333447	60562 4838989	198842 9845177	431330 11750526	922038	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCB	Lin1	37288 3229145	83136 6751337	266250 12266883	577848 13432419	1233993	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCB	Ave	22640 1229190	43323 2531260	124396 5215703	240787 6200167	497439	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
p-Isopropyltoluene	DCB	Lin1	31112 2720619	68219 5647665	217846 10994153	481960 11914321	1036641	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCB	Ave	25796 1232179	46863 2481429	123501 5048145	242310 6156000	494845	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 16:19 Calibration End Date: 09/27/2013 19:35 Calibration ID: 17834

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Butylbenzene	DCB	Ave	32400 2433896	65204 5054440	208048 10562911	433383 11406841	925650	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCB	Ave	21837 1175009	43604 2390926	116706 4848880	225010 5834576	471402	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1681 79884	2869 170279	7422 364244	14850 442093	30407	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trichlorobenzene	DCB	Ave	14006 834996	29439 1734255	78625 3496353	165479 4043684	326432	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCB	Ave	7558 433079	13232 894360	44655 1758880	84434 1949500	174655	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Naphthalene	DCB	Ave	26493 1737406	55231 3607499	146172 7349729	311875 8469841	647964	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCB	Ave	13210 767657	28788 1556888	69533 3130050	148033 3544049	300217	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Ave	10493 549178	21368 1100777	56574 2143175	109671 2361055	218781	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	11797 545521	23487 1073575	56670 2135708	109111 2378051	229087	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBZ	Ave	36248 2190017	74694 4448207	214771 9191399	421531 10251238	883810	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCB	Ave	13519 679456	25557 1366973	66236 2820365	134524 3301140	272188	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 19:59 Calibration End Date: 09/27/2013 23:16 Calibration ID: 17836

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-103323/20	144960.D
Level 2	IC 240-103323/19	144959.D
Level 3	IC 240-103323/18	144958.D
Level 4	IC 240-103323/17	144957.D
Level 5	IC 240-103323/16	144956.D
Level 6	IC 240-103323/15	144955.D
Level 7	IC 240-103323/14	144954.D
Level 8	IC 240-103323/13	144953.D
Level 9	IC 240-103323/12	144952.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0273 0.0240	0.0308 0.0254	0.0242 0.0247	0.0249 0.0245	0.0241	Ave		0.0255				8.7		15.0			
Methylene Chloride	0.8451 0.3011	0.4296 0.2906	0.3369 0.2941	0.3207 0.2872	0.3117	Lin1	2.7721	0.2796			0.1000				1.0000		0.9900
2-Chloro-1,3-butadiene	0.4484 0.5421	0.4642 0.5793	0.4478 0.6005	0.4826 0.6072	0.5094	Ave		0.5202				12.0		15.0			
Diisopropyl ether	0.1990 0.2382	0.2110 0.2463	0.1980 0.2514	0.2212 0.2503	0.2249	Ave		0.2267				9.3		15.0			
Ethyl-t-butyl ether (ETBE)	0.8710 0.8370	0.8297 0.9028	0.7003 0.9694	0.7911 0.9546	0.7975	Ave		0.8504				10.0		15.0			
Propionitrile	0.0338 0.0283	0.0301 0.0296	0.0265 0.0314	0.0296 0.0306	0.0278	Ave		0.0297				7.2		15.0			
Ethyl acetate	0.2248 0.1670	0.1871 0.1728	0.1538 0.1867	0.1717 0.1859	0.1615	Ave		0.1790				12.0		15.0			
Methacrylonitrile	0.1643 0.1529	0.1512 0.1594	0.1372 0.1747	0.1548 0.1679	0.1446	Ave		0.1563				7.5		15.0			
Tert-amyl-methyl ether (TAME)	0.6403 0.6036	0.6044 0.6505	0.5103 0.6993	0.5803 0.7047	0.5602	Ave		0.6171				10.0		15.0			
n-Butanol	0.0113 0.0073	0.0104 0.0080	0.0074 0.0092	0.0068 0.0091	0.0074	Qua	-0.169	0.0077	0						0.9990		0.9900
Methyl methacrylate	0.1852 0.1917	0.1749 0.1999	0.1584 0.2169	0.1794 0.2144	0.1688	Ave		0.1877				11.0		15.0			
2-Nitropropane	0.0603 0.0374	0.0427 0.0406	0.0295 0.0481	0.0348 0.0474	0.0315	Qua	-0.132	0.0390	0						0.9990		0.9900
Cyclohexanone	0.0090 0.0078	0.0090 0.0092	0.0081 0.0104	0.0086 0.0104	0.0082	Ave		0.0090				10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 19:59 Calibration End Date: 09/27/2013 23:16 Calibration ID: 17836

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	2.3715 3.2089	2.5173 3.3739	2.5684 3.5940	2.7557 3.5486	2.9156	Lin1	-2.452	3.4984							0.9980		0.9900
1,3,5-Trichlorobenzene	1.1511 1.2687	1.1585 1.3073	1.1037 1.3445	1.1347 1.3732	1.1694	Ave		1.2235				8.2		15.0			
2-Methylnaphthalene	1.0661 1.4027	1.0663 1.5852	0.8834 1.7519	1.1244 1.6369	1.2392	Qua	-10.53	1.6775	0						0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 19:59 Calibration End Date: 09/27/2013 23:16 Calibration ID: 17836

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-103323/20	144960.D
Level 2	IC 240-103323/19	144959.D
Level 3	IC 240-103323/18	144958.D
Level 4	IC 240-103323/17	144957.D
Level 5	IC 240-103323/16	144956.D
Level 6	IC 240-103323/15	144955.D
Level 7	IC 240-103323/14	144954.D
Level 8	IC 240-103323/13	144953.D
Level 9	IC 240-103323/12	144952.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetonitrile	FB	Ave	11496 523513	25929 1089429	54002 2098321	107824 2616785	205584	10.0 500	20.0 1000	50.0 2000	100 2500	200
Methylene Chloride	FB	Lin1	178006 1313754	361675 2492539	601818 3754289	831820 4910342	1064609	5.00 100	20.0 200	40.0 300	60.0 400	80.0
2-Chloro-1,3-butadiene	FB	Ave	18891 1182589	39081 2484434	99989 5109471	208666 6488100	434895	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Diisopropyl ether	FB	Ave	8383 519696	17761 1056488	44212 2139596	95636 2674025	191990	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl-t-butyl ether (ETBE)	FB	Ave	36693 1826036	69860 3871812	156348 8248702	342052 10199660	680865	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Propionitrile	FB	Ave	14220 616441	25357 1267403	59175 2673706	127836 3270224	237003	10.0 500	20.0 1000	50.0 2000	100 2500	200
Ethyl acetate	FB	Ave	18943 728662	31514 1482343	68689 3177760	148483 3972789	275716	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Methacrylonitrile	FB	Ave	69219 3336100	127324 6835510	306268 14864486	669410 17942753	1234384	10.0 500	20.0 1000	50.0 2000	100 2500	200
Tert-amyl-methyl ether (TAME)	FB	Ave	26975 1316902	50885 2789767	113940 5950476	250871 7529757	478272	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butanol	CBZ	Qua	7761 261100	14544 566663	27056 1263762	48717 1556794	101391	25.0 1250	50.0 2500	125 5000	250 6250	500
Methyl methacrylate	FB	Ave	15607 836371	29456 1714227	70731 3692129	155140 4582902	288238	2.00 100	4.00 200	10.0 400	20.0 500	40.0
2-Nitropropane	FB	Qua	5083 163138	7189 348477	13173 819308	30064 1013822	53841	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Cyclohexanone	CBZ	Ave	2474 111942	5022 258346	11949 572582	24775 712241	44974	10.0 500	20.0 1000	50.0 2000	100 2500	200
1,2,3-Trimethylbenzene	DCB	Lin1	32773 2203841	69279 4633796	182005 9778940	385006 12203720	792530	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103323

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/27/2013 19:59 Calibration End Date: 09/27/2013 23:16 Calibration ID: 17836

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	15908 871360	31883 1795512	78210 3658215	158540 4722580	317867	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Methylnaphthalene	DCB	Qua	29466 1926683	58689 4354164	125195 9533699	314186 11258847	673703	2.00 100	4.00 200	10.0 400	20.0 500	40.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-103835/8	UXM0696.D
Level 2	STD8260 240-103835/7	UXM0695.D
Level 3	STD8260 240-103835/6	UXM0694.D
Level 4	STD8260 240-103835/5	UXM0693.D
Level 5	STD8260 240-103835/4	UXM0692.D
Level 6	STD8260 240-103835/3	UXM0691.D
Level 7	STD8260 240-103835/2	UXM0690.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2073 0.2167	0.1884 0.2205	0.2168	0.2378	0.2031	Ave		0.2130			0.1000	7.3		15.0			
Chloromethane	0.3647 0.3622	0.3350 0.3667	0.3769	0.3836	0.3318	Ave		0.3601			0.1000	5.5		15.0			
Vinyl chloride	0.2619 0.2903	0.2424 0.2879	0.2943	0.3048	0.2699	Ave		0.2788			0.1000	7.8		15.0			
Bromomethane	0.1458 0.1380	0.1296 0.1308	0.1456	0.1485	0.1335	Ave		0.1388			0.0500	5.6		15.0			
Chloroethane	0.1724 0.1689	0.1481 0.1584	0.1684	0.1814	0.1597	Ave		0.1653				6.6		15.0			
Dichlorofluoromethane	0.3301 0.3648	0.3044 0.3632	0.3560	0.3721	0.3410	Ave		0.3474				6.9		15.0			
Trichlorofluoromethane	0.2459 0.3059	0.2534 0.3047	0.2751	0.3075	0.2863	Ave		0.2827			0.1000	9.0		15.0			
Ethyl ether	0.3579 0.2315	0.2774 0.2189	0.2566	0.2294	0.2259	Lin1	0.0708	0.2227							0.9990		0.9900
Acrolein	0.0097 0.0143	0.0127 0.0135	0.0137	0.0136	0.0134	Ave		0.0130				12.0		15.0			
1,1-Dichloroethene	0.1957 0.2297	0.1988 0.2380	0.2259	0.2233	0.2261	Ave		0.2196			0.1000	7.3		15.0			
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.1181 0.1801	0.1291 0.1858	0.1738	0.1738	0.1790	Lin1	-0.043	0.1836			0.0500				1.0000		0.9900
Acetone	0.2270 0.0710	0.1396 0.0645	0.0916	0.0766	0.0715	Lin1	0.1651	0.0662			0.0500				0.9980		0.9900
Iodomethane	0.3193 0.3626	0.3232 0.3825	0.3631	0.3492	0.3562	Ave		0.3509				6.5		15.0			
Carbon disulfide	0.5976 0.7318	0.5629 0.7792	0.6737	0.6719	0.7119	Ave		0.6756			0.1000	11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1182 0.1537	0.1222 0.1608	0.1464	0.1441	0.1495	Ave		0.1421				11.0		15.0			
Methyl acetate	0.1716 0.1924	0.2067 0.1776	0.1983	0.1773	0.1854	Ave		0.1870			0.1000	6.8		15.0			
Methylene Chloride	2.8065 0.2678	1.3459 0.2622	0.5111	0.3634	0.2903	Lin1	1.2226	0.2467			0.1000				0.9980		0.9900
tert-Butyl alcohol	0.0147 0.0166	0.0184 0.0142	0.0172	0.0168	0.0164	Ave		0.0163				8.8		15.0			
Acrylonitrile	0.0662 0.0817	0.0788 0.0801	0.0830	0.0756	0.0793	Ave		0.0778				7.2		15.0			
Methyl tert-butyl ether	0.5362 0.6308	0.5716 0.6377	0.6272	0.5815	0.6170	Ave		0.6003			0.1000	6.3		15.0			
trans-1,2-Dichloroethene	0.2321 0.2591	0.2259 0.2695	0.2646	0.2600	0.2576	Ave		0.2527			0.1000	6.6		15.0			
Hexane	0.0617 0.0774	0.0626 0.0799	0.0766	0.0775	0.0776	Ave		0.0733				11.0		15.0			
1,1-Dichloroethane	0.4457 0.4876	0.4400 0.5136	0.5000	0.4883	0.4854	Ave		0.4801			0.1000	5.7		15.0			
Vinyl acetate	+++++ 0.0277	0.0125 0.0287	0.0226	0.0235	0.0265	Lin1	-0.020	0.0282							0.9990		0.9900
2-Butanone	0.1137 0.1072	0.1192 0.1032	0.1079	0.0982	0.1037	Ave		0.1076			0.0500	6.5		15.0			
cis-1,2-Dichloroethene	0.2497 0.2704	0.2509 0.2809	0.2818	0.2694	0.2677	Ave		0.2673			0.1000	4.8		15.0			
2,2-Dichloropropane	0.2306 0.2648	0.2089 0.2733	0.2531	0.2552	0.2701	Ave		0.2509				9.3		15.0			
Bromochloromethane	0.1152 0.1157	0.1080 0.1215	0.1210	0.1151	0.1144	Ave		0.1158				3.9		15.0			
Tetrahydrofuran	0.0617 0.0718	0.0765 0.0691	0.0700	0.0660	0.0692	Ave		0.0692				6.7		15.0			
Chloroform	0.3879 0.4065	0.3807 0.4276	0.4166	0.4046	0.4010	Ave		0.4036				4.0		15.0			
1,1,1-Trichloroethane	0.2783 0.3329	0.2869 0.3531	0.3313	0.3199	0.3290	Ave		0.3188			0.1000	8.4		15.0			
Cyclohexane	0.3883 0.5464	0.3687 0.5770	0.5263	0.5405	0.5403	Lin1	-0.138	0.5644			0.1000				0.9990		0.9900
1,1-Dichloropropene	0.2484 0.3207	0.2688 0.3442	0.3291	0.3169	0.3166	Ave		0.3064				11.0		15.0			
Carbon tetrachloride	0.2124 0.2942	0.2060 0.3175	0.2683	0.2760	0.2866	Lin1	-0.084	0.3061			0.1000				0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	0.0067 0.0077	0.0083 0.0070	0.0082	0.0076	0.0076	Ave		0.0076				7.6		15.0			
Benzene	0.9821 1.0645	0.9579 0.9749	1.0776	1.0272	1.0427	Ave		1.0181			0.5000	4.6		15.0			
1,2-Dichloroethane	0.2944 0.3060	0.2921 0.3123	0.3180	0.2984	0.3008	Ave		0.3032			0.1000	3.1		15.0			
n-Heptane	0.0546 0.0880	0.0556 0.0948	0.0876	0.0860	0.0868	Lin1	-0.027	0.0920							0.9980		0.9900
Trichloroethene	0.2512 0.2668	0.2518 0.2882	0.2733	0.2592	0.2585	Ave		0.2641			0.2000	5.0		15.0			
Methylcyclohexane	0.3352 0.4702	0.3320 0.4999	0.4525	0.4652	0.4620	Lin1	-0.117	0.4871			0.1000				0.9990		0.9900
1,2-Dichloropropane	0.2317 0.2617	0.2317 0.2779	0.2776	0.2535	0.2598	Ave		0.2563			0.1000	7.4		15.0			
Dibromomethane	0.0893 0.1105	0.1045 0.1147	0.1120	0.1063	0.1089	Ave		0.1066				7.9		15.0			
1,4-Dioxane	0.0007 0.0015	0.0014 0.0015	0.0016	0.0016	0.0015	Lin1	-0.004	0.0015							0.9990		0.9900
Bromodichloromethane	0.2264 0.2856	0.2273 0.3115	0.2680	0.2606	0.2720	Ave		0.2645			0.1000	12.0		15.0			
2-Chloroethyl vinyl ether	+++++ 0.0782	0.0386 0.0872	0.0555	0.0592	0.0705	Lin1	-0.155	0.0826							0.9920		0.9900
cis-1,3-Dichloropropene	0.2659 0.3531	0.2606 0.3887	0.3313	0.3217	0.3408	Ave		0.3232			0.1500	14.0		15.0			
4-Methyl-2-pentanone	0.1959 0.2169	0.2189 0.2119	0.2172	0.2008	0.2098	Ave		0.2102			0.0500	4.2		15.0			
Toluene	1.5333 1.7738	1.5341 1.5428	1.7370	1.6591	1.7256	Ave		1.6437			0.4000	6.4		15.0			
trans-1,3-Dichloropropene	0.2912 0.4518	0.3072 0.4837	0.4032	0.3919	0.4302	Lin1	-0.148	0.4655			0.1000				0.9970		0.9900
Ethyl methacrylate	0.2231 0.3915	0.2896 0.4018	0.3435	0.3359	0.3732	Lin1	-0.118	0.3937							0.9980		0.9900
1,1,2-Trichloroethane	0.2227 0.2672	0.2562 0.2796	0.2695	0.2577	0.2649	Ave		0.2597			0.1000	7.0		15.0			
1,3-Dichloropropane	0.4347 0.4976	0.4339 0.5164	0.5071	0.4750	0.4856	Ave		0.4786				6.9		15.0			
Tetrachloroethene	0.3027 0.3109	0.2633 0.3385	0.3083	0.3012	0.3060	Ave		0.3044			0.2000	7.3		15.0			
2-Hexanone	0.2314 0.2449	0.2617 0.2283	0.2456	0.2335	0.2383	Ave		0.2405			0.0500	4.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.1732 0.2942	0.1941 0.3217	0.2481	0.2474	0.2796	Lin1	-0.115	0.3063							0.9950		0.9900
1,2-Dibromoethane	0.1984 0.2481	0.2178 0.2595	0.2441	0.2310	0.2404	Ave		0.2342				8.8		15.0			
Chlorobenzene	1.1009 1.0821	1.0319 1.1721	1.1218	1.0464	1.0671	Ave		1.0889			0.3000	4.4		15.0			
1,1,1,2-Tetrachloroethane	0.2370 0.3457	0.2756 0.3760	0.3260	0.3235	0.3404	Ave		0.3178				15.0		15.0			
Ethylbenzene	0.5318 0.6062	0.5206 0.6647	0.5947	0.5802	0.6001	Ave		0.5855				8.3		15.0			
m-Xylene & p-Xylene	0.6840 0.7557	0.6549 0.8308	0.7495	0.7228	0.7509	Ave		0.7355				7.7		15.0			
o-Xylene	0.6017 0.7258	0.5724 0.7848	0.7146	0.7053	0.7140	Ave		0.6884				11.0		15.0			
Styrene	0.8532 1.2052	0.8722 1.2718	1.1116	1.0977	1.1707	Ave		1.0832			0.3000	15.0		15.0			
Bromoform	0.0958 0.1494	0.0906 0.1648	0.1111	0.1130	0.1359	Lin1	-0.066	0.1548			0.1000				0.9910		0.9900
Isopropylbenzene	1.4081 1.9416	1.5306 1.5908	1.8279	1.8153	1.9004	Ave		1.7164			0.1000	12.0		15.0			
1,1,2,2-Tetrachloroethane	0.5080 0.5808	0.5524 0.5881	0.6104	0.5651	0.5626	Ave		0.5668			0.3000	5.7		15.0			
Bromobenzene	0.7927 0.8061	0.7558 0.8506	0.8173	0.7932	0.7710	Ave		0.7981				3.9		15.0			
1,2,3-Trichloropropane	0.1540 0.1835	0.1829 0.1828	0.1899	0.1738	0.1745	Ave		0.1773				6.6		15.0			
trans-1,4-Dichloro-2-butene	0.1289 0.1996	0.1620 0.1999	0.1718	0.1725	0.1823	Ave		0.1739				14.0		15.0			
n-Propylbenzene	0.8679 1.0361	0.8679 1.0959	1.0214	1.0360	0.9742	Ave		0.9856				8.9		15.0			
2-Chlorotoluene	0.7439 0.8374	0.7703 0.8893	0.8407	0.8266	0.8028	Ave		0.8159				5.9		15.0			
1,3,5-Trimethylbenzene	2.3511 3.0897	2.5173 2.7673	2.9949	2.9748	2.9430	Ave		2.8055				9.8		15.0			
4-Chlorotoluene	0.8225 0.8921	0.7921 0.9340	0.9024	0.8739	0.8505	Ave		0.8668				5.6		15.0			
tert-Butylbenzene	2.1834 2.7474	2.2186 2.7258	2.6458	2.6647	2.6132	Ave		2.5427				9.4		15.0			
1,2,4-Trimethylbenzene	2.5431 3.1771	2.6776 2.8043	3.1615	3.0819	3.0279	Ave		2.9248				8.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	3.1396 3.9063	3.3276 3.0665	3.8090	3.8412	3.7577	Ave		3.5497				10.0		15.0			
1,3-Dichlorobenzene	1.6572 1.6276	1.6252 1.7120	1.6878	1.6416	1.5750	Ave		1.6466			0.6000	2.7		15.0			
p-Isopropyltoluene	2.6489 3.4627	2.8197 2.8302	3.3159	3.3374	3.2832	Ave		3.0997				10.0		15.0			
1,4-Dichlorobenzene	1.9682 1.6380	1.6759 1.7159	1.7465	1.6229	1.6037	Ave		1.7102			0.5000	7.3		15.0			
n-Butylbenzene	2.4200 2.8503	2.5274 2.5960	2.7590	2.8196	2.7399	Ave		2.6732				6.0		15.0			
1,2-Dichlorobenzene	1.5449 1.4292	1.4686 1.5023	1.5327	1.4597	1.4093	Ave		1.4781			0.4000	3.4		15.0			
1,2-Dibromo-3-Chloropropane	0.0468 0.0849	0.0617 0.0854	0.0760	0.0743	0.0801	Lin1	-0.024	0.0844			0.0500				0.9990		0.9900
1,2,4-Trichlorobenzene	0.9343 0.7526	0.8723 0.7586	0.8987	0.8476	0.7890	Ave		0.8362			0.2000	8.5		15.0			
Hexachlorobutadiene	0.4477 0.2983	0.4204 0.2985	0.4038	0.3897	0.3178	Lin1	0.1315	0.3047							0.9940		0.9900
Naphthalene	1.8615 1.6939	2.0735 1.5702	1.7671	1.7770	1.7513	Ave		1.7849				8.7		15.0			
1,2,3-Trichlorobenzene	0.8638 0.5953	0.7732 0.5903	0.7369	0.6877	0.6471	Ave		0.6992				14.0		15.0			
Dibromofluoromethane (Surr)	0.1954 0.2141	0.1929 0.2278	0.2182	0.2123	0.2030	Ave		0.2091				6.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2440 0.2475	0.2474 0.2580	0.2614	0.2522	0.2371	Ave		0.2496				3.3		15.0			
Toluene-d8 (Surr)	1.3163 1.5428	1.2872 1.4599	1.5001	1.4887	1.4547	Ave		1.4357				6.7		15.0			
4-Bromofluorobenzene (Surr)	0.5219 0.4916	0.4997 0.5365	0.5174	0.4959	0.4834	Ave		0.5066				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-103835/8	UXM0696.D
Level 2	STD8260 240-103835/7	UXM0695.D
Level 3	STD8260 240-103835/6	UXM0694.D
Level 4	STD8260 240-103835/5	UXM0693.D
Level 5	STD8260 240-103835/4	UXM0692.D
Level 6	STD8260 240-103835/3	UXM0691.D
Level 7	STD8260 240-103835/2	UXM0690.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	12320 1987108	25670 4505779	144068	335776	866372	0.500 50.0	1.00 100	5.00	10.0	25.0
Chloromethane	FB	Ave	21673 3321223	45655 7491201	250413	541488	1415203	0.500 50.0	1.00 100	5.00	10.0	25.0
Vinyl chloride	FB	Ave	15563 2662307	33036 5881736	195495	430264	1151145	0.500 50.0	1.00 100	5.00	10.0	25.0
Bromomethane	FB	Ave	8663 1265989	17665 2671729	96719	209624	569373	0.500 50.0	1.00 100	5.00	10.0	25.0
Chloroethane	FB	Ave	10247 1549350	20182 3235913	111872	256157	681228	0.500 50.0	1.00 100	5.00	10.0	25.0
Dichlorofluoromethane	FB	Ave	19620 3345467	41476 7420775	236501	525266	1454257	0.500 50.0	1.00 100	5.00	10.0	25.0
Trichlorofluoromethane	FB	Ave	14616 2805477	34534 6224613	182786	434166	1221004	0.500 50.0	1.00 100	5.00	10.0	25.0
Ethyl ether	FB	Lin1	21271 2123098	37796 4472577	170459	323843	963467	0.500 50.0	1.00 100	5.00	10.0	25.0
Acrolein	FB	Ave	2886 657181	8626 1383019	45422	95798	286328	2.50 250	5.00 500	25.0	50.0	125
1,1-Dichloroethene	FB	Ave	11632 2106539	27085 4862313	150063	315184	964349	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	FB	Lin1	7018 1651646	17595 3795806	115451	245420	763536	0.500 50.0	1.00 100	5.00	10.0	25.0
Acetone	FB	Lin1	26977 1301871	38035 2633590	121725	216413	610335	1.00 100	2.00 200	10.0	20.0	50.0
Iodomethane	FB	Ave	18976 3325660	44038 7813645	241259	492959	1519181	0.500 50.0	1.00 100	5.00	10.0	25.0
Carbon disulfide	FB	Ave	35516 6711559	76709 15919145	447578	948542	3036517	0.500 50.0	1.00 100	5.00	10.0	25.0
3-Chloro-1-propene	FB	Ave	7025 1409462	16646 3285203	97244	203453	637623	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	50995 8822470	140830 18146942	658876	1251305	3953252	2.50 250	5.00 500	25.0	50.0	125
Methylene Chloride	FB	Lin1	166798 2455534	183394 5356256	339554	513011	1238300	0.500 50.0	1.00 100	5.00	10.0	25.0
tert-Butyl alcohol	FB	Ave	8714 1522841	25037 2906138	113971	237615	698493	5.00 500	10.0 1000	50.0	100	250
Acrylonitrile	FB	Ave	39330 7494424	107403 16354921	551257	1067603	3380332	5.00 500	10.0 1000	50.0	100	250
Methyl tert-butyl ether	FB	Ave	31867 5784955	77895 13028509	416701	820995	2631501	0.500 50.0	1.00 100	5.00	10.0	25.0
trans-1,2-Dichloroethene	FB	Ave	13797 2375996	30784 5505050	175808	367057	1098822	0.500 50.0	1.00 100	5.00	10.0	25.0
Hexane	FB	Ave	3665 709891	8535 1631646	50924	109370	330913	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloroethane	FB	Ave	26491 4471704	59962 10491922	332172	689311	2070438	0.500 50.0	1.00 100	5.00	10.0	25.0
Vinyl acetate	FB	Lin1	+++++ 243462	1633 562111	14399	31817	108475	+++++ 48.0	0.960 96.0	4.80	9.60	24.0
2-Butanone	FB	Ave	13516 1965792	32491 4215551	143386	277277	884620	1.00 100	2.00 200	10.0	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	14840 2479627	34190 5739007	187250	380271	1141707	0.500 50.0	1.00 100	5.00	10.0	25.0
2,2-Dichloropropane	FB	Ave	13707 2428081	28465 5582620	168166	360263	1152208	0.500 50.0	1.00 100	5.00	10.0	25.0
Bromochloromethane	FB	Ave	6847 1060632	14711 2482606	80391	162517	487869	0.500 50.0	1.00 100	5.00	10.0	25.0
Tetrahydrofuran	FB	Ave	7331 1316355	20837 2824373	93026	186250	590438	1.00 100	2.00 200	10.0	20.0	50.0
Chloroform	FB	Ave	23055 3727780	51880 8736372	276796	571199	1710579	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,1-Trichloroethane	FB	Ave	16541 3052652	39098 7213492	220099	451615	1403452	0.500 50.0	1.00 100	5.00	10.0	25.0
Cyclohexane	FB	Lin1	23076 5010477	50234 11788661	349650	763105	2304639	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1-Dichloropropene	FB	Ave	14765 2940986	36630 7032041	218648	447370	1350545	0.500 50.0	1.00 100	5.00	10.0	25.0
Carbon tetrachloride	FB	Lin1	12626 2697909	28067 6486413	178234	389691	1222349	0.500 50.0	1.00 100	5.00	10.0	25.0
Isobutyl alcohol	FB	Ave	9924 1770752	28173 3578623	135942	268452	807567	12.5 1250	25.0 2500	125	250	625
Benzene	FB	Ave	58372 9762438	130531 19916950	715944	1450097	4447545	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	17495 2806039	39804 6379624	211305	421339	1283187	0.500 50.0	1.00 100	5.00	10.0	25.0
n-Heptane	FB	Lin1	3243 806762	7582 1937623	58168	121351	370270	0.500 50.0	1.00 100	5.00	10.0	25.0
Trichloroethene	FB	Ave	14929 2446871	34312 5888525	181570	365962	1102491	0.500 50.0	1.00 100	5.00	10.0	25.0
Methylcyclohexane	FB	Lin1	19925 4311811	45243 10213595	300664	656791	1970769	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloropropane	FB	Ave	13770 2399531	31570 5677675	184448	357886	1108102	0.500 50.0	1.00 100	5.00	10.0	25.0
Dibromomethane	FB	Ave	5306 1013648	14237 2344196	74434	150096	464396	0.500 50.0	1.00 100	5.00	10.0	25.0
1,4-Dioxane	FB	Lin1	798 273641	3901 594495	20917	45337	129527	10.0 1000	20.0 2000	100	200	500
Bromodichloromethane	FB	Ave	13458 2618793	30971 6363378	178056	367880	1160338	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Chloroethyl vinyl ether	FB	Lin1	+++++ 1434809	10529 3564533	73713	167229	601420	+++++ 100	2.00 200	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	15805 3238416	35515 7941691	220124	454207	1453693	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Methyl-2-pentanone	FB	Ave	23289 3978306	59667 8658218	288601	566961	1789942	1.00 100	2.00 200	10.0	20.0	50.0
Toluene	CBZ	Ave	57634 9750100	131681 19433636	726945	1456441	4451054	0.500 50.0	1.00 100	5.00	10.0	25.0
trans-1,3-Dichloropropene	CBZ	Lin1	10944 2483404	26366 6092382	168742	344067	1109764	0.500 50.0	1.00 100	5.00	10.0	25.0
Ethyl methacrylate	CBZ	Lin1	8384 2151990	24854 5061236	143751	294845	962490	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,2-Trichloroethane	CBZ	Ave	8370 1468476	21987 3521853	112790	226217	683348	0.500 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichloropropane	CBZ	Ave	16340 2735002	37245 6505126	212206	417007	1252450	0.500 50.0	1.00 100	5.00	10.0	25.0
Tetrachloroethene	CBZ	Ave	11376 1709101	22602 4264251	129017	264413	789368	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Hexanone	CBZ	Ave	17396 2692723	44924 5751536	205548	409864	1229255	1.00 100	2.00 200	10.0	20.0	50.0
Dibromochloromethane	CBZ	Lin1	6511 1616968	16658 4052109	103850	217139	721211	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromoethane	CBZ	Ave	7458 1363741	18697 3269014	102152	202745	620124	0.500 50.0	1.00 100	5.00	10.0	25.0
Chlorobenzene	CBZ	Ave	41379 5947754	88574 14764649	469478	918594	2752504	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	8910 1900064	23657 4736931	136447	283938	878065	0.500 50.0	1.00 100	5.00	10.0	25.0
Ethylbenzene	CBZ	Ave	19990 3331914	44686 8373101	248895	509309	1547937	0.500 50.0	1.00 100	5.00	10.0	25.0
m-Xylene & p-Xylene	CBZ	Ave	25710 4153898	56216 10464703	313663	634491	1936756	0.500 50.0	1.00 100	5.00	10.0	25.0
o-Xylene	CBZ	Ave	22618 3989736	49135 9885229	299065	619149	1841634	0.500 50.0	1.00 100	5.00	10.0	25.0
Styrene	CBZ	Ave	32068 6624676	74865 16020569	465199	963637	3019557	0.500 50.0	1.00 100	5.00	10.0	25.0
Bromoform	CBZ	Lin1	3600 821370	7777 2075724	46498	99236	350607	0.500 50.0	1.00 100	5.00	10.0	25.0
Isopropylbenzene	CBZ	Ave	52926 10672506	131377 20038880	764971	1593575	4901829	0.500 50.0	1.00 100	5.00	10.0	25.0
1,1,2,2-Tetrachloroethane	DCB	Ave	9479 1612817	23671 3863384	128843	246913	764641	0.500 50.0	1.00 100	5.00	10.0	25.0
Bromobenzene	DCB	Ave	14792 2238454	32390 5587705	172517	346619	1047968	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichloropropane	DCB	Ave	2873 509685	7839 1200635	40082	75944	237243	0.500 50.0	1.00 100	5.00	10.0	25.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2406 554197	6943 1312880	36257	75392	247852	0.500 50.0	1.00 100	5.00	10.0	25.0
n-Propylbenzene	DCB	Ave	16195 2877069	37192 7199414	215607	452712	1324142	0.500 50.0	1.00 100	5.00	10.0	25.0
2-Chlorotoluene	DCB	Ave	13882 2325292	33008 5841771	177463	361204	1091171	0.500 50.0	1.00 100	5.00	10.0	25.0
1,3,5-Trimethylbenzene	DCB	Ave	43874 8579775	107876 18178852	632178	1299897	4000191	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Chlorotoluene	DCB	Ave	15348 2477287	33946 6135555	190489	381885	1156052	0.500 50.0	1.00 100	5.00	10.0	25.0
tert-Butylbenzene	DCB	Ave	40743 7629311	95073 17906094	558475	1164409	3551918	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trimethylbenzene	DCB	Ave	47455 8822435	114745 18421698	667344	1346710	4115614	0.500 50.0	1.00 100	5.00	10.0	25.0
sec-Butylbenzene	DCB	Ave	58587 10847303	142600 20144222	804004	1678507	5107514	0.500 50.0	1.00 100	5.00	10.0	25.0
1,3-Dichlorobenzene	DCB	Ave	30924 4519538	69646 11246251	356266	717314	2140752	0.500 50.0	1.00 100	5.00	10.0	25.0
p-Isopropyltoluene	DCB	Ave	49430 9615399	120833 18591911	699939	1458351	4462666	0.500 50.0	1.00 100	5.00	10.0	25.0
1,4-Dichlorobenzene	DCB	Ave	36728 4548563	71817 11271813	368658	709153	2179836	0.500 50.0	1.00 100	5.00	10.0	25.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 11:03 Calibration End Date: 10/02/2013 13:17 Calibration ID: 17842

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	45158 7914987	108309 17053528	582374	1232088	3724138	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichlorobenzene	DCB	Ave	28829 3968708	62933 9868881	323519	637833	1915559	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	874 235629	2646 561328	16036	32458	108921	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2,4-Trichlorobenzene	DCB	Ave	17435 2089809	37382 4983328	189705	370392	1072450	0.500 50.0	1.00 100	5.00	10.0	25.0
Hexachlorobutadiene	DCB	Lin1	8354 828369	18014 1960996	85240	170272	431910	0.500 50.0	1.00 100	5.00	10.0	25.0
Naphthalene	DCB	Ave	34736 4703756	88855 10315020	373007	776493	2380475	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2,3-Trichlorobenzene	DCB	Ave	16120 1653159	33134 3877964	155540	300508	879562	0.500 50.0	1.00 100	5.00	10.0	25.0
Dibromofluoromethane (Surr)	FB	Ave	11614 1963443	26279 4654423	144982	299679	866014	0.500 50.0	1.00 100	5.00	10.0	25.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	14500 2269665	33712 5270804	173641	356105	1011217	0.500 50.0	1.00 100	5.00	10.0	25.0
Toluene-d8 (Surr)	CBZ	Ave	49477 8480219	110485 18389347	627798	1306833	3752245	0.500 50.0	1.00 100	5.00	10.0	25.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	19616 2702000	42888 6758324	216547	435301	1246968	0.500 50.0	1.00 100	5.00	10.0	25.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 13:39 Calibration End Date: 10/02/2013 15:30 Calibration ID: 17844

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-103835/14	UXM0702.D
Level 2	STDA9 240-103835/13	UXM0701.D
Level 3	STDA9 240-103835/12	UXM0700.D
Level 4	STDA9 240-103835/11	UXM0699.D
Level 5	STDA9 240-103835/10	UXM0698.D
Level 6	STDA9 240-103835/9	UXM0697.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0242 0.0252	0.0240	0.0225	0.0229	0.0254	Ave		0.0240				4.9		15.0			
Diisopropyl ether	0.2079 0.2175	0.2128	0.2164	0.2267	0.2091	Ave		0.2151				3.2		15.0			
2-Chloro-1,3-butadiene	0.3200 0.4497	0.3448	0.4341	0.4475	0.4213	Ave		0.4029				14.0		15.0			
Ethyl-t-butyl ether (ETBE)	0.7022 0.8304	0.7502	0.7468	0.8029	0.7704	Ave		0.7672				5.9		15.0			
Propionitrile	0.0244 0.0273	0.0249	0.0272	0.0268	0.0263	Ave		0.0261				4.7		15.0			
Ethyl acetate	0.1835 0.1826	0.1872	0.1696	0.1783	0.1737	Ave		0.1792				3.7		15.0			
Methacrylonitrile	0.1431 0.1435	0.1497	0.1480	0.1512	0.1498	Ave		0.1476				2.3		15.0			
Tert-amyl-methyl ether (TAME)	0.4795 0.6172	0.5112	0.5267	0.5698	0.5632	Ave		0.5446				9.0		15.0			
n-Butanol	0.0053 0.0051	0.0057	0.0050	0.0047	0.0050	Ave		0.0051				6.5		15.0			
Ethyl acrylate	0.2052 0.2491	0.2219	0.2252	0.2400	0.2362	Ave		0.2296				6.8		15.0			
Methyl methacrylate	0.1871 0.2145	0.1972	0.1992	0.2092	0.2045	Ave		0.2020				4.8		15.0			
2-Nitropropane	0.0329 0.0424	0.0338	0.0322	0.0346	0.0382	Ave		0.0357				11.0		15.0			
Cyclohexanone	0.0262 0.0157	0.0270	0.0188	0.0176	0.0165	Lin1	0.1541	0.0160							0.9970		0.9900
1,2,3-Trimethylbenzene	2.6224 3.2428	2.7484	2.7698	3.0762	2.9652	Ave		2.9042				8.0		15.0			
1,3,5-Trichlorobenzene	0.9919 0.9933	1.0004	0.9552	1.0232	0.9617	Ave		0.9876				2.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 13:39 Calibration End Date: 10/02/2013 15:30 Calibration ID: 17844

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylnaphthalene	1.0531 +++++	1.3840	1.0505	1.0500	0.9041	Lin1	0.8254	0.9513							0.9920		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 13:39 Calibration End Date: 10/02/2013 15:30 Calibration ID: 17844

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-103835/14	UXM0702.D
Level 2	STDA9 240-103835/13	UXM0701.D
Level 3	STDA9 240-103835/12	UXM0700.D
Level 4	STDA9 240-103835/11	UXM0699.D
Level 5	STDA9 240-103835/10	UXM0698.D
Level 6	STDA9 240-103835/9	UXM0697.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	28613 3560105	57567	284719	750301	1900631	10.0 1000	20.0	100	250	500
Diisopropyl ether	FB	Ave	24535 3075339	50943	273807	743673	1563129	1.00 100	2.00	10.0	25.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	37764 6357215	82563	549200	1467704	3148908	1.00 100	2.00	10.0	25.0	50.0
Ethyl-t-butyl ether (ETBE)	FB	Ave	82865 11740722	179630	944914	2633529	5758141	1.00 100	2.00	10.0	25.0	50.0
Propionitrile	FB	Ave	28736 3855673	59733	343905	877734	1965254	10.0 1000	20.0	100	250	500
Ethyl acetate	FB	Ave	43306 5162100	89660	429140	1169735	2597130	2.00 200	4.00	20.0	50.0	100
Methacrylonitrile	FB	Ave	168893 20289874	358473	1872219	4960886	11195115	10.0 1000	20.0	100	250	500
Tert-amyl-methyl ether (TAME)	FB	Ave	56583 8725714	122409	666433	1869041	4209541	1.00 100	2.00	10.0	25.0	50.0
n-Butanol	FB	Ave	15710 1788978	33971	157072	387974	931477	25.0 2500	50.0	250	625	1250
Ethyl acrylate	FB	Ave	24209 3521359	53128	284901	787231	1765104	1.00 100	2.00	10.0	25.0	50.0
Methyl methacrylate	FB	Ave	44157 6066128	94444	504135	1372383	3056527	2.00 200	4.00	20.0	50.0	100
2-Nitropropane	FB	Ave	7758 1198293	16169	81471	226910	570751	2.00 200	4.00	20.0	50.0	100
Cyclohexanone	DCB	Lin1	9293 667826	19722	74524	173849	370301	10.0 1000	20.0	100	250	500
1,2,3-Trimethylbenzene	DCB	Ave	92954 13809167	200773	1100227	3032231	6648212	1.00 100	2.00	10.0	25.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	35158 4229815	73082	379414	1008600	2156240	1.00 100	2.00	10.0	25.0	50.0
2-Methylnaphthalene	DCB	Lin1	74659 +++++	202208	834565	2069932	4054072	2.00 +++++	4.00	20.0	50.0	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-30141-1 Analy Batch No.: 103835

SDG No.:

Instrument ID: A3UX16 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2013 13:39 Calibration End Date: 10/02/2013 15:30 Calibration ID: 17844

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: ICV 240-103323/21 Calibration Date: 09/27/2013 23:41

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 16:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 19:35

Lab File ID: 144961.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3459	0.2820	0.1000	1.00	0.0500	-18.5	20.0
Chloromethane	Ave	0.5215	0.4972	0.1000	1.00	0.0500	-4.7	20.0
Vinyl chloride	Ave	0.4538	0.4419	0.1000	1.00	0.0500	-2.6	20.0
Bromomethane	Ave	0.1741	0.1814	0.0500	1.00	0.0500	4.2	20.0
Chloroethane	Ave	0.2236	0.2341	0.0500	1.00	0.0500	4.7	20.0
Dichlorofluoromethane	Ave	0.5283	0.5386		2.00	0.0500	2.0	20.0
Trichlorofluoromethane	Ave	0.4087	0.3904	0.1000	1.00	0.0500	-4.5	20.0
Ethyl ether	Ave	0.2364	0.2525		2.00	0.0500	6.8	20.0
Acrolein	Ave	0.0127	0.0348		20.0	0.300	172.9*	20.0
1,1-Dichloroethene	Ave	0.2798	0.3136	0.1000	1.00	0.0500	12.1	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2220	0.2521	0.0500	1.00	0.0500	13.5	20.0
Acetone	Qua		0.0650	0.0500	10.0	0.100	14.9	20.0
Iodomethane	Ave	0.4077	0.5077		1.00	0.0500	24.5*	20.0
Carbon disulfide	Ave	0.7488	0.9308	0.1000	1.00	0.0500	24.3*	20.0
3-Chloro-1-propene	Ave	0.1607	0.1710		2.00	0.0500	6.4	20.0
Methyl acetate	Ave	0.1857	0.1853	0.1000	10.0	0.250	-0.2	20.0
tert-Butyl alcohol	Ave	0.0135	0.0127		50.0	0.500	-6.0	20.0
Acrylonitrile	Ave	0.0769	0.0798		20.0	0.500	3.8	20.0
trans-1,2-Dichloroethene	Ave	0.2936	0.3338	0.1000	1.00	0.0500	13.7	20.0
Methyl tert-butyl ether	Ave	0.5880	0.6144	0.1000	1.00	0.0500	4.5	20.0
Hexane	Lin1		0.0862		1.00	0.0500	4.1	20.0
1,1-Dichloroethane	Ave	0.5587	0.6340	0.1000	1.00	0.0500	13.5	20.0
Vinyl acetate	Ave	0.0224	0.0252		2.00	0.0800	12.8	20.0
2,2-Dichloropropane	Ave	0.1884	0.2200		1.00	0.0500	16.8	20.0
cis-1,2-Dichloroethene	Ave	0.3011	0.3394	0.1000	1.00	0.0500	12.7	20.0
2-Butanone	Ave	0.0927	0.0902	0.0500	10.0	0.100	-2.7	20.0
Bromochloromethane	Ave	0.1350	0.1426		1.00	0.0500	5.6	20.0
Tetrahydrofuran	Lin1		0.0653		5.00	0.100	-8.4	20.0
Chloroform	Ave	0.4648	0.4981	0.2000	1.00	0.0500	7.2	20.0
1,1,1-Trichloroethane	Ave	0.3378	0.3921	0.1000	1.00	0.0500	16.1	20.0
Cyclohexane	Ave	0.6121	0.7394	0.1000	1.00	0.0500	20.8*	20.0
1,1-Dichloropropene	Ave	0.3657	0.4420		1.00	0.0500	20.9*	20.0
Carbon tetrachloride	Ave	0.3306	0.3972	0.1000	1.00	0.0500	20.2*	20.0
Isobutyl alcohol	Ave	0.0075	0.0074		50.0	1.25	-2.3	20.0
Benzene	Ave	1.175	1.278	0.5000	1.00	0.0500	8.8	20.0
1,2-Dichloroethane	Ave	0.3205	0.3300	0.1000	1.00	0.0500	3.0	20.0
n-Heptane	Lin1		0.0917		1.00	0.0500	2.1	20.0
Trichloroethene	Ave	0.3167	0.3454	0.2000	1.00	0.0500	9.1	20.0
Methylcyclohexane	Ave	0.5309	0.6336	0.1000	1.00	0.0500	19.3	20.0
1,2-Dichloropropane	Ave	0.2941	0.3189	0.1000	1.00	0.0500	8.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: ICV 240-103323/21 Calibration Date: 09/27/2013 23:41

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 16:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 19:35

Lab File ID: 144961.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromomethane	Ave	0.1211	0.1242		1.00	0.0500	2.5	20.0
1,4-Dioxane	Ave	0.0018	0.0016		50.0	1.00	-11.9	20.0
Bromodichloromethane	Ave	0.2864	0.3022	0.1000	1.00	0.0500	5.5	20.0
2-Chloroethyl vinyl ether	Lin1		0.1220		10.0	0.120	-4.7	20.0
cis-1,3-Dichloropropene	Lin1		0.3743	0.1500	1.00	0.0500	-4.4	20.0
4-Methyl-2-pentanone	Ave	0.2989	0.3134	0.0500	10.0	0.100	4.8	20.0
Toluene	Ave	1.749	1.896	0.4000	1.00	0.0500	8.4	20.0
trans-1,3-Dichloropropene	Ave	0.3741	0.4251	0.1000	1.00	0.0500	13.6	20.0
Ethyl methacrylate	Lin1		0.3165		1.00	0.0500	-6.1	20.0
1,1,2-Trichloroethane	Ave	0.2651	0.2671	0.1000	1.00	0.0500	0.7	20.0
Tetrachloroethene	Ave	0.3437	0.3704	0.2000	1.00	0.0500	7.8	20.0
1,3-Dichloropropane	Ave	0.4627	0.4616		1.00	0.0500	-0.2	20.0
2-Hexanone	Ave	0.1798	0.1856	0.0500	10.0	0.100	3.2	20.0
Dibromochloromethane	Ave	0.2777	0.2932		1.00	0.0500	5.6	20.0
1,2-Dibromoethane	Ave	0.2457	0.2446		1.00	0.0500	-0.4	20.0
Chlorobenzene	Ave	1.112	1.154	0.3000	1.00	0.0500	3.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3539	0.4022		1.00	0.0500	13.6	20.0
Ethylbenzene	Ave	0.6041	0.6789		1.00	0.0500	12.4	20.0
m-Xylene & p-Xylene	Ave	0.7315	0.8097		2.00	0.0500	10.7	20.0
o-Xylene	Ave	0.7168	0.8155		1.00	0.0500	13.8	20.0
Styrene	Lin1		1.172	0.3000	1.00	0.0500	-5.8	20.0
Bromoform	Ave	0.1444	0.1494	0.1000	1.00	0.0500	3.5	20.0
Isopropylbenzene	Ave	1.891	2.188	0.1000	1.00	0.0500	15.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6106	0.6184	0.3000	1.00	0.0500	1.3	20.0
Bromobenzene	Ave	0.8138	0.8787		1.00	0.0500	8.0	20.0
1,2,3-Trichloropropane	Ave	0.1679	0.1757		1.00	0.0500	4.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1804	0.1806		1.00	0.0500	0.1	20.0
n-Propylbenzene	Ave	1.029	1.203		1.00	0.0500	16.9	20.0
2-Chlorotoluene	Ave	0.8861	1.001		1.00	0.0500	12.9	20.0
1,3,5-Trimethylbenzene	Lin1		3.403		1.00	0.0500	2.8	20.0
4-Chlorotoluene	Ave	0.9064	0.9806		1.00	0.0500	8.2	20.0
tert-Butylbenzene	Lin1		3.323		1.00	0.0500	8.2	20.0
1,2,4-Trimethylbenzene	Lin1		3.381		1.00	0.0500	0.1	20.0
sec-Butylbenzene	Lin1		4.727		1.00	0.0500	12.4	20.0
1,3-Dichlorobenzene	Ave	1.702	1.753	0.6000	1.00	0.0500	3.0	20.0
p-Isopropyltoluene	Lin1		3.929		0.0535	0.0500	6.9	20.0
1,4-Dichlorobenzene	Ave	1.730	1.741	0.5000	1.00	0.0500	0.6	20.0
n-Butylbenzene	Ave	3.056	3.459		1.00	0.0500	13.2	20.0
1,2-Dichlorobenzene	Ave	1.618	1.698	0.4000	1.00	0.0500	4.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.1061	0.0500	2.00	0.0500	-6.1	20.0
1,2,4-Trichlorobenzene	Ave	1.127	1.112	0.2000	1.00	0.0500	-1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: ICV 240-103323/21 Calibration Date: 09/27/2013 23:41

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 16:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 19:35

Lab File ID: 144961.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.5781	0.6240		1.00	0.0500	7.9	20.0
Naphthalene	Ave	2.242	2.306		1.00	0.0500	2.9	20.0
1,2,3-Trichlorobenzene	Ave	1.027	1.027		1.00	0.0500	-0.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2549	0.2238		0.0439	0.0500	-12.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2616	0.2184		0.0417	0.0500	-16.5	20.0
Toluene-d8 (Surr)	Ave	1.526	1.355		0.0444	0.0500	-11.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9430	0.8067		0.0428	0.0500	-14.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: ICV 240-103323/21 Calibration Date: 09/27/2013 23:41

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 19:59

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 23:16

Lab File ID: 144961.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylene Chloride	Lin1		0.3614	0.1000	1.00	0.0500	9.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCVIS 240-106475/3 Calibration Date: 10/21/2013 17:03

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 16:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 19:35

Lab File ID: 145417.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3459	0.3102	0.1000	1.00	0.0500	-10.3	20.0
Chloromethane	Ave	0.5215	0.3934	0.1000	1.00	0.0500	-24.6*	20.0
Vinyl chloride	Ave	0.4538	0.3639	0.1000	1.00	0.0500	-19.8	20.0
Bromomethane	Ave	0.1741	0.0657	0.0500	1.00	0.0500	-62.3*	20.0
Chloroethane	Ave	0.2236	0.1099	0.0500	1.00	0.0500	-50.9*	20.0
Dichlorofluoromethane	Ave	0.5283	0.3469		2.00	0.0500	-34.3*	20.0
Trichlorofluoromethane	Ave	0.4087	0.2498	0.1000	1.00	0.0500	-38.9*	20.0
Ethyl ether	Ave	0.2364	0.1820		2.00	0.0500	-23.0*	20.0
Acrolein	Ave	0.0127	0.0095		20.0	0.250	-25.4*	20.0
1,1-Dichloroethene	Ave	0.2798	0.2631	0.1000	1.00	0.0500	-6.0	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2220	0.2347	0.0500	1.00	0.0500	5.7	20.0
Acetone	Qua		0.0571	0.0500	10.0	0.100	0.1	20.0
Iodomethane	Ave	0.4077	0.4268		1.00	0.0500	4.7	20.0
Carbon disulfide	Ave	0.7488	0.8107	0.1000	1.00	0.0500	8.3	20.0
3-Chloro-1-propene	Ave	0.1607	0.1672		2.00	0.0500	4.0	20.0
Methyl acetate	Ave	0.1857	0.1670	0.1000	10.0	0.250	-10.1	20.0
tert-Butyl alcohol	Ave	0.0135	0.0164		50.0	0.500	21.2*	20.0
Acrylonitrile	Ave	0.0769	0.0744		20.0	0.500	-3.2	20.0
trans-1,2-Dichloroethene	Ave	0.2936	0.2943	0.1000	1.00	0.0500	0.2	20.0
Methyl tert-butyl ether	Ave	0.5880	0.5892	0.1000	1.00	0.0500	0.2	20.0
Hexane	Lin1		0.0789		1.00	0.0500	-4.9	20.0
1,1-Dichloroethane	Ave	0.5587	0.5134	0.1000	1.00	0.0500	-8.1	20.0
Vinyl acetate	Ave	0.0224	0.0250		2.00	0.0480	11.9	20.0
2,2-Dichloropropane	Ave	0.1884	0.2111		1.00	0.0500	12.1	20.0
cis-1,2-Dichloroethene	Ave	0.3011	0.3025	0.1000	1.00	0.0500	0.5	20.0
2-Butanone	Ave	0.0927	0.0843	0.0500	10.0	0.100	-9.1	20.0
Bromochloromethane	Ave	0.1350	0.1335		1.00	0.0500	-1.2	20.0
Tetrahydrofuran	Lin1		0.0642		5.00	0.100	-10.1	20.0
Chloroform	Ave	0.4648	0.4094	0.2000	1.00	0.0500	-11.9	20.0
1,1,1-Trichloroethane	Ave	0.3378	0.3136	0.1000	1.00	0.0500	-7.2	20.0
Cyclohexane	Ave	0.6121	0.6259	0.1000	1.00	0.0500	2.3	20.0
1,1-Dichloropropene	Ave	0.3657	0.3516		1.00	0.0500	-3.8	20.0
Carbon tetrachloride	Ave	0.3306	0.2818	0.1000	1.00	0.0500	-14.8	20.0
Isobutyl alcohol	Ave	0.0075	0.0068		50.0	1.25	-10.3	20.0
Benzene	Ave	1.175	1.138	0.5000	1.00	0.0500	-3.2	20.0
1,2-Dichloroethane	Ave	0.3205	0.2516	0.1000	1.00	0.0500	-21.5*	20.0
n-Heptane	Lin1		0.0856		1.00	0.0500	-4.7	20.0
Trichloroethene	Ave	0.3167	0.3121	0.2000	1.00	0.0500	-1.5	20.0
Methylcyclohexane	Ave	0.5309	0.5765	0.1000	1.00	0.0500	8.6	20.0
1,2-Dichloropropane	Ave	0.2941	0.2755	0.1000	1.00	0.0500	-6.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCVIS 240-106475/3 Calibration Date: 10/21/2013 17:03

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 16:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 19:35

Lab File ID: 145417.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromomethane	Ave	0.1211	0.1154		1.00	0.0500	-4.7	20.0
1,4-Dioxane	Ave	0.0018	0.0019		50.0	1.00	3.5	20.0
Bromodichloromethane	Ave	0.2864	0.2555	0.1000	1.00	0.0500	-10.8	20.0
2-Chloroethyl vinyl ether	Lin1		0.1107		10.0	0.100	-13.2	20.0
cis-1,3-Dichloropropene	Lin1		0.3366	0.1500	1.00	0.0500	-13.9	20.0
4-Methyl-2-pentanone	Ave	0.2989	0.2772	0.0500	10.0	0.100	-7.3	20.0
Toluene	Ave	1.749	1.749	0.4000	1.00	0.0500	-0.0	20.0
trans-1,3-Dichloropropene	Ave	0.3741	0.3702	0.1000	1.00	0.0500	-1.1	20.0
Ethyl methacrylate	Lin1		0.3154		1.00	0.0500	-6.5	20.0
1,1,2-Trichloroethane	Ave	0.2651	0.2605	0.1000	1.00	0.0500	-1.8	20.0
Tetrachloroethene	Ave	0.3437	0.3683	0.2000	1.00	0.0500	7.2	20.0
1,3-Dichloropropane	Ave	0.4627	0.4524		1.00	0.0500	-2.2	20.0
2-Hexanone	Ave	0.1798	0.1567	0.0500	10.0	0.100	-12.8	20.0
Dibromochloromethane	Ave	0.2777	0.2780		1.00	0.0500	0.1	20.0
1,2-Dibromoethane	Ave	0.2457	0.2470		1.00	0.0500	0.5	20.0
Chlorobenzene	Ave	1.112	1.102	0.3000	1.00	0.0500	-1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3539	0.3711		1.00	0.0500	4.9	20.0
Ethylbenzene	Ave	0.6041	0.6200		1.00	0.0500	2.6	20.0
m-Xylene & p-Xylene	Ave	0.7315	0.7573		2.00	0.0500	3.5	20.0
o-Xylene	Ave	0.7168	0.7529		1.00	0.0500	5.0	20.0
Styrene	Lin1		1.110	0.3000	1.00	0.0500	-10.8	20.0
Bromoform	Ave	0.1444	0.1502	0.1000	1.00	0.0500	4.1	20.0
Isopropylbenzene	Ave	1.891	1.993	0.1000	1.00	0.0500	5.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6106	0.6218	0.3000	1.00	0.0500	1.8	20.0
Bromobenzene	Ave	0.8138	0.8610		1.00	0.0500	5.8	20.0
1,2,3-Trichloropropane	Ave	0.1679	0.1671		1.00	0.0500	-0.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1804	0.1530		1.00	0.0500	-15.2	20.0
n-Propylbenzene	Ave	1.029	1.107		1.00	0.0500	7.5	20.0
2-Chlorotoluene	Ave	0.8861	0.9395		1.00	0.0500	6.0	20.0
1,3,5-Trimethylbenzene	Lin1		3.166		1.00	0.0500	-4.3	20.0
4-Chlorotoluene	Ave	0.9064	0.9332		1.00	0.0500	3.0	20.0
tert-Butylbenzene	Lin1		2.983		1.00	0.0500	-2.7	20.0
1,2,4-Trimethylbenzene	Lin1		3.195		1.00	0.0500	-5.3	20.0
sec-Butylbenzene	Lin1		4.423		1.00	0.0500	5.2	20.0
1,3-Dichlorobenzene	Ave	1.702	1.782	0.6000	1.00	0.0500	4.7	20.0
p-Isopropyltoluene	Lin1		3.782		0.0515	0.0500	3.0	20.0
1,4-Dichlorobenzene	Ave	1.730	1.753	0.5000	1.00	0.0500	1.3	20.0
n-Butylbenzene	Ave	3.056	3.258		1.00	0.0500	6.6	20.0
1,2-Dichlorobenzene	Ave	1.618	1.668	0.4000	1.00	0.0500	3.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.1099	0.0500	2.00	0.0500	-2.8	20.0
1,2,4-Trichlorobenzene	Ave	1.127	1.189	0.2000	1.00	0.0500	5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCVIS 240-106475/3 Calibration Date: 10/21/2013 17:03

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 16:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 19:35

Lab File ID: 145417.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.5781	0.6527		1.00	0.0500	12.9	20.0
Naphthalene	Ave	2.242	2.396		1.00	0.0500	6.9	20.0
1,2,3-Trichlorobenzene	Ave	1.027	1.081		1.00	0.0500	5.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2549	0.2038		0.0400	0.0500	-20.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2616	0.1726		0.0330	0.0500	-34.0*	20.0
Toluene-d8 (Surr)	Ave	1.526	1.337		0.0438	0.0500	-12.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9430	0.8157		0.0432	0.0500	-13.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCVIS 240-106475/3 Calibration Date: 10/21/2013 17:03

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 19:59

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 23:16

Lab File ID: 145417.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylene Chloride	Lin1		0.3026	0.1000	1.00	0.0500	-11.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCV 240-106475/4 Calibration Date: 10/21/2013 17:24

Instrument ID: A3UX14 Calib Start Date: 09/27/2013 19:59

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/27/2013 23:16

Lab File ID: 145418.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0255	0.0262		20.0	0.500	2.7	20.0
2-Chloro-1,3-butadiene	Ave	0.5202	0.4427		2.00	0.0500	-14.9	20.0
Diisopropyl ether	Ave	0.2267	0.2355		10.0	0.0500	3.9	20.0
Ethyl-t-butyl ether (ETBE)	Ave	0.8504	0.7684		5.00	0.0500	-9.6	20.0
Propionitrile	Ave	0.0297	0.0250		4.00	0.500	-15.9	20.0
Ethyl acetate	Ave	0.1790	0.1345		4.00	0.100	-24.9*	20.0
Methacrylonitrile	Ave	0.1563	0.1193		2.00	0.500	-23.7*	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.6171	0.5714		5.00	0.0500	-7.4	20.0
n-Butanol	Qua		0.0073		50.0	1.25	-7.3	20.0
Methyl methacrylate	Ave	0.1877	0.1400		2.00	0.100	-25.4*	20.0
2-Nitropropane	Qua		0.0254		2.00	0.100	-33.7*	20.0
Cyclohexanone	Ave	0.0090	0.0078		20.0	0.500	-13.0	20.0
1,2,3-Trimethylbenzene	Lin1		3.280		0.0476	0.0500	-4.8	20.0
1,3,5-Trichlorobenzene	Ave	1.223	1.490		1.00	0.0500	21.8*	20.0
2-Methylnaphthalene	Qua		1.534		5.00	0.100	-2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: ICV 240-103835/15 Calibration Date: 10/02/2013 15:52

Instrument ID: A3UX16 Calib Start Date: 10/02/2013 11:03

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2013 13:17

Lab File ID: UXM0703.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2130	0.2017	0.1000	1.00	0.0250	-5.3	20.0
Chloromethane	Ave	0.3601	0.3163	0.1000	1.00	0.0250	-12.2	20.0
Vinyl chloride	Ave	0.2788	0.2507	0.1000	1.00	0.0250	-10.1	20.0
Bromomethane	Ave	0.1388	0.1291	0.0500	1.00	0.0250	-7.0	20.0
Chloroethane	Ave	0.1653	0.1481	0.0500	1.00	0.0250	-10.4	20.0
Dichlorofluoromethane	Ave	0.3474	0.3202		2.00	0.0250	-7.8	20.0
Trichlorofluoromethane	Ave	0.2827	0.2620	0.1000	1.00	0.0250	-7.3	20.0
Ethyl ether	Lin1		0.2250		2.00	0.0250	-0.2	20.0
Acrolein	Ave	0.0130	0.0357		20.0	0.150	174.8*	20.0
1,1-Dichloroethene	Ave	0.2196	0.1993	0.1000	1.00	0.0250	-9.3	20.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	Lin1		0.1582	0.0500	1.00	0.0250	-12.9	20.0
Acetone	Lin1		0.0736	0.0500	10.0	0.0500	6.2	20.0
Iodomethane	Ave	0.3509	0.3277		1.00	0.0250	-6.6	20.0
Carbon disulfide	Ave	0.6756	0.6247	0.1000	1.00	0.0250	-7.5	20.0
3-Chloro-1-propene	Ave	0.1421	0.1292		2.00	0.0250	-9.1	20.0
Methyl acetate	Ave	0.1870	0.2037	0.1000	10.0	0.125	8.9	20.0
Methylene Chloride	Lin1		0.2783	0.1000	1.00	0.0250	-7.0	20.0
tert-Butyl alcohol	Ave	0.0163	0.0183		50.0	0.250	11.9	20.0
Acrylonitrile	Ave	0.0778	0.0833		20.0	0.250	7.1	20.0
Methyl tert-butyl ether	Ave	0.6003	0.6207	0.1000	1.00	0.0250	3.4	20.0
trans-1,2-Dichloroethene	Ave	0.2527	0.2475	0.1000	1.00	0.0250	-2.1	20.0
Hexane	Ave	0.0733	0.0783		1.00	0.0250	6.8	20.0
1,1-Dichloroethane	Ave	0.4801	0.4808	0.1000	1.00	0.0250	0.2	20.0
Vinyl acetate	Lin1		0.0307		2.00	0.0400	10.5	20.0
2-Butanone	Ave	0.1076	0.1206	0.0500	10.0	0.0500	12.1	20.0
2,2-Dichloropropane	Ave	0.2509	0.2247		1.00	0.0250	-10.4	20.0
cis-1,2-Dichloroethene	Ave	0.2673	0.2643	0.1000	1.00	0.0250	-1.1	20.0
Bromochloromethane	Ave	0.1158	0.1157		1.00	0.0250	-0.0	20.0
Tetrahydrofuran	Ave	0.0692	0.0813		5.00	0.0500	17.5	20.0
Chloroform	Ave	0.4036	0.3966	0.2000	1.00	0.0250	-1.7	20.0
1,1,1-Trichloroethane	Ave	0.3188	0.3140	0.1000	1.00	0.0250	-1.5	20.0
Cyclohexane	Lin1		0.5362	0.1000	1.00	0.0250	-4.0	20.0
1,1-Dichloropropene	Ave	0.3064	0.3335		1.00	0.0250	8.9	20.0
Carbon tetrachloride	Lin1		0.2826	0.1000	1.00	0.0250	-6.6	20.0
Isobutyl alcohol	Ave	0.0076	0.0089		50.0	0.625	17.8	20.0
1,2-Dichloroethane	Ave	0.3032	0.3197	0.1000	1.00	0.0250	5.4	20.0
Benzene	Ave	1.018	1.044	0.5000	1.00	0.0250	2.5	20.0
n-Heptane	Lin1		0.0932		1.00	0.0250	2.5	20.0
Trichloroethene	Ave	0.2641	0.2650	0.2000	1.00	0.0250	0.3	20.0
1,2-Dichloropropane	Ave	0.2563	0.2702	0.1000	1.00	0.0250	5.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: ICV 240-103835/15 Calibration Date: 10/02/2013 15:52

Instrument ID: A3UX16 Calib Start Date: 10/02/2013 11:03

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2013 13:17

Lab File ID: UXM0703.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Lin1		0.4673	0.1000	1.00	0.0250	-3.1	20.0
Dibromomethane	Ave	0.1066	0.1172		1.00	0.0250	9.9	20.0
1,4-Dioxane	Lin1		0.0016		50.0	0.500	6.7	20.0
Bromodichloromethane	Ave	0.2645	0.2785	0.1000	1.00	0.0250	5.3	20.0
2-Chloroethyl vinyl ether	Lin1		0.0832		10.0	0.0600	3.9	20.0
cis-1,3-Dichloropropene	Ave	0.3232	0.3684	0.1500	1.00	0.0250	14.0	20.0
4-Methyl-2-pentanone	Ave	0.2102	0.2495	0.0500	10.0	0.0500	18.7	20.0
Toluene	Ave	1.644	1.703	0.4000	1.00	0.0250	3.6	20.0
trans-1,3-Dichloropropene	Lin1		0.4826	0.1000	1.00	0.0250	4.9	20.0
Ethyl methacrylate	Lin1		0.4161		1.00	0.0250	6.9	20.0
1,1,2-Trichloroethane	Ave	0.2597	0.2799	0.1000	1.00	0.0250	7.8	20.0
1,3-Dichloropropane	Ave	0.4786	0.5115		1.00	0.0250	6.9	20.0
Tetrachloroethene	Ave	0.3044	0.2958	0.2000	1.00	0.0250	-2.8	20.0
2-Hexanone	Ave	0.2405	0.2673	0.0500	10.0	0.0500	11.1	20.0
Dibromochloromethane	Lin1		0.2859		1.00	0.0250	-5.2	20.0
1,2-Dibromoethane	Ave	0.2342	0.2599		1.00	0.0250	11.0	20.0
Chlorobenzene	Ave	1.089	1.074	0.3000	1.00	0.0250	-1.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3305		1.00	0.0250	4.0	20.0
Ethylbenzene	Ave	0.5855	0.5927		1.00	0.0250	1.2	20.0
m-Xylene & p-Xylene	Ave	0.7355	0.7440		2.00	0.0250	1.2	20.0
o-Xylene	Ave	0.6884	0.7236		1.00	0.0250	5.1	20.0
Styrene	Ave	1.083	1.175	0.3000	1.00	0.0250	8.5	20.0
Bromoform	Lin1		0.1406	0.1000	1.00	0.0250	-7.5	20.0
Isopropylbenzene	Ave	1.716	1.877	0.1000	1.00	0.0250	9.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5668	0.6285	0.3000	1.00	0.0250	10.9	20.0
Bromobenzene	Ave	0.7981	0.7857		1.00	0.0250	-1.6	20.0
1,2,3-Trichloropropane	Ave	0.1773	0.2038		1.00	0.0250	14.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1739	0.2091		1.00	0.0250	20.3*	20.0
n-Propylbenzene	Ave	0.9856	0.9914		1.00	0.0250	0.6	20.0
2-Chlorotoluene	Ave	0.8159	0.8166		1.00	0.0250	0.0	20.0
1,3,5-Trimethylbenzene	Ave	2.805	2.959		1.00	0.0250	5.5	20.0
4-Chlorotoluene	Ave	0.8668	0.8598		1.00	0.0250	-0.8	20.0
tert-Butylbenzene	Ave	2.543	2.598		1.00	0.0250	2.2	20.0
1,2,4-Trimethylbenzene	Ave	2.925	3.037		1.00	0.0250	3.8	20.0
sec-Butylbenzene	Ave	3.550	3.795		1.00	0.0250	6.9	20.0
1,3-Dichlorobenzene	Ave	1.647	1.588	0.6000	1.00	0.0250	-3.6	20.0
p-Isopropyltoluene	Ave	3.100	3.316		0.0267	0.0250	7.0	20.0
1,4-Dichlorobenzene	Ave	1.710	1.632	0.5000	1.00	0.0250	-4.6	20.0
n-Butylbenzene	Ave	2.673	2.781		1.00	0.0250	4.0	20.0
1,2-Dichlorobenzene	Ave	1.478	1.456	0.4000	1.00	0.0250	-1.5	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.0908	0.0500	2.00	0.0250	8.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: ICV 240-103835/15 Calibration Date: 10/02/2013 15:52

Instrument ID: A3UX16 Calib Start Date: 10/02/2013 11:03

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2013 13:17

Lab File ID: UXM0703.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.8362	0.8009	0.2000	1.00	0.0250	-4.2	20.0
Hexachlorobutadiene	Lin1		0.3263		1.00	0.0250	5.4	20.0
Naphthalene	Ave	1.785	1.802		1.00	0.0250	0.9	20.0
1,2,3-Trichlorobenzene	Ave	0.6992	0.6634		1.00	0.0250	-5.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2091	0.1850		0.0252	0.0285	-11.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2496	0.2228		0.0254	0.0285	-10.8	20.0
Toluene-d8 (Surr)	Ave	1.436	1.339		0.0266	0.0285	-6.8	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5066	0.4343		0.0244	0.0285	-14.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCVIS 240-105630/2 Calibration Date: 10/15/2013 11:28

Instrument ID: A3UX16 Calib Start Date: 10/02/2013 11:03

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2013 13:17

Lab File ID: UXM1003.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2130	0.2700	0.1000	1.00	0.0250	26.8*	20.0
Chloromethane	Ave	0.3601	0.3619	0.1000	1.00	0.0250	0.5	20.0
Vinyl chloride	Ave	0.2788	0.2847	0.1000	1.00	0.0250	2.1	20.0
Bromomethane	Ave	0.1388	0.1458	0.0500	1.00	0.0250	5.0	20.0
Chloroethane	Ave	0.1653	0.1695	0.0500	1.00	0.0250	2.5	20.0
Dichlorofluoromethane	Ave	0.3474	0.3709		2.00	0.0250	6.8	20.0
Trichlorofluoromethane	Ave	0.2827	0.3342	0.1000	1.00	0.0250	18.2	20.0
Ethyl ether	Lin1		0.2057		2.00	0.0250	-8.9	20.0
Acrolein	Ave	0.0130	0.0078		20.0	0.125	-39.9*	20.0
1,1-Dichloroethene	Ave	0.2196	0.2338	0.1000	1.00	0.0250	6.4	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Lin1		0.1985	0.0500	1.00	0.0250	9.1	20.0
Acetone	Lin1		0.0612	0.0500	10.0	0.0500	-12.6	20.0
Iodomethane	Ave	0.3509	0.3988		1.00	0.0250	13.7	20.0
Carbon disulfide	Ave	0.6756	0.7601	0.1000	1.00	0.0250	12.5	20.0
3-Chloro-1-propene	Ave	0.1421	0.1520		2.00	0.0250	7.0	20.0
Methyl acetate	Ave	0.1870	0.1656	0.1000	10.0	0.125	-11.5	20.0
Methylene Chloride	Lin1		0.2747	0.1000	1.00	0.0250	-8.5	20.0
tert-Butyl alcohol	Ave	0.0163	0.0148		50.0	0.250	-9.3	20.0
Acrylonitrile	Ave	0.0778	0.0707		20.0	0.250	-9.1	20.0
Methyl tert-butyl ether	Ave	0.6003	0.5743	0.1000	1.00	0.0250	-4.3	20.0
trans-1,2-Dichloroethene	Ave	0.2527	0.2675	0.1000	1.00	0.0250	5.9	20.0
Hexane	Ave	0.0733	0.0774		1.00	0.0250	5.5	20.0
1,1-Dichloroethane	Ave	0.4801	0.4886	0.1000	1.00	0.0250	1.8	20.0
Vinyl acetate	Lin1		0.0247		2.00	0.0240	-9.6	20.0
2-Butanone	Ave	0.1076	0.0921	0.0500	10.0	0.0500	-14.4	20.0
cis-1,2-Dichloroethene	Ave	0.2673	0.2742	0.1000	1.00	0.0250	2.6	20.0
2,2-Dichloropropane	Ave	0.2509	0.3086		1.00	0.0250	23.0*	20.0
Bromochloromethane	Ave	0.1158	0.1200		1.00	0.0250	3.6	20.0
Tetrahydrofuran	Ave	0.0692	0.0603		5.00	0.0500	-12.8	20.0
Chloroform	Ave	0.4036	0.4138	0.2000	1.00	0.0250	2.5	20.0
1,1,1-Trichloroethane	Ave	0.3188	0.3629	0.1000	1.00	0.0250	13.9	20.0
Cyclohexane	Lin1		0.5371	0.1000	1.00	0.0250	-3.9	20.0
1,1-Dichloropropene	Ave	0.3064	0.3255		1.00	0.0250	6.2	20.0
Carbon tetrachloride	Lin1		0.3182	0.1000	1.00	0.0250	5.1	20.0
Isobutyl alcohol	Ave	0.0076	0.0063		50.0	0.625	-16.8	20.0
1,2-Dichloroethane	Ave	0.3032	0.3065	0.1000	1.00	0.0250	1.1	20.0
Benzene	Ave	1.018	1.034	0.5000	1.00	0.0250	1.6	20.0
n-Heptane	Lin1		0.0917		1.00	0.0250	0.9	20.0
Trichloroethene	Ave	0.2641	0.2759	0.2000	1.00	0.0250	4.4	20.0
1,2-Dichloropropane	Ave	0.2563	0.2474	0.1000	1.00	0.0250	-3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCVIS 240-105630/2 Calibration Date: 10/15/2013 11:28

Instrument ID: A3UX16 Calib Start Date: 10/02/2013 11:03

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2013 13:17

Lab File ID: UXM1003.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Lin1		0.4584	0.1000	1.00	0.0250	-4.9	20.0
Dibromomethane	Ave	0.1066	0.1098		1.00	0.0250	3.0	20.0
1,4-Dioxane	Lin1		0.0014		50.0	0.500	-2.5	20.0
Bromodichloromethane	Ave	0.2645	0.2836	0.1000	1.00	0.0250	7.2	20.0
2-Chloroethyl vinyl ether	Lin1		0.0597		10.0	0.0500	-23.9*	20.0
cis-1,3-Dichloropropene	Ave	0.3232	0.3263	0.1500	1.00	0.0250	1.0	20.0
4-Methyl-2-pentanone	Ave	0.2102	0.1809	0.0500	10.0	0.0500	-13.9	20.0
Toluene	Ave	1.644	1.630	0.4000	1.00	0.0250	-0.9	20.0
trans-1,3-Dichloropropene	Lin1		0.3927	0.1000	1.00	0.0250	-14.4	20.0
Ethyl methacrylate	Lin1		0.3096		1.00	0.0250	-20.2*	20.0
1,1,2-Trichloroethane	Ave	0.2597	0.2497	0.1000	1.00	0.0250	-3.8	20.0
1,3-Dichloropropane	Ave	0.4786	0.4434		1.00	0.0250	-7.4	20.0
Tetrachloroethene	Ave	0.3044	0.3163	0.2000	1.00	0.0250	3.9	20.0
2-Hexanone	Ave	0.2405	0.1842	0.0500	10.0	0.0500	-23.4*	20.0
Dibromochloromethane	Lin1		0.2767		1.00	0.0250	-8.2	20.0
1,2-Dibromoethane	Ave	0.2342	0.2259		1.00	0.0250	-3.6	20.0
Chlorobenzene	Ave	1.089	1.041	0.3000	1.00	0.0250	-4.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3395		1.00	0.0250	6.8	20.0
Ethylbenzene	Ave	0.5855	0.5815		1.00	0.0250	-0.7	20.0
m-Xylene & p-Xylene	Ave	0.7355	0.7125		2.00	0.0250	-3.1	20.0
o-Xylene	Ave	0.6884	0.6845		1.00	0.0250	-0.6	20.0
Styrene	Ave	1.083	1.082	0.3000	1.00	0.0250	-0.1	20.0
Bromoform	Lin1		0.1404	0.1000	1.00	0.0250	-7.6	20.0
Isopropylbenzene	Ave	1.716	1.804	0.1000	1.00	0.0250	5.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5668	0.5023	0.3000	1.00	0.0250	-11.4	20.0
Bromobenzene	Ave	0.7981	0.7687		1.00	0.0250	-3.7	20.0
1,2,3-Trichloropropane	Ave	0.1773	0.1688		1.00	0.0250	-4.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1739	0.1567		1.00	0.0250	-9.9	20.0
n-Propylbenzene	Ave	0.9856	0.9502		1.00	0.0250	-3.6	20.0
2-Chlorotoluene	Ave	0.8159	0.7953		1.00	0.0250	-2.5	20.0
1,3,5-Trimethylbenzene	Ave	2.805	2.826		1.00	0.0250	0.7	20.0
4-Chlorotoluene	Ave	0.8668	0.8348		1.00	0.0250	-3.7	20.0
tert-Butylbenzene	Ave	2.543	2.573		1.00	0.0250	1.2	20.0
1,2,4-Trimethylbenzene	Ave	2.925	2.892		1.00	0.0250	-1.1	20.0
sec-Butylbenzene	Ave	3.550	3.584		1.00	0.0250	1.0	20.0
1,3-Dichlorobenzene	Ave	1.647	1.534	0.6000	1.00	0.0250	-6.9	20.0
p-Isopropyltoluene	Ave	3.100	3.191		0.0257	0.0250	2.9	20.0
1,4-Dichlorobenzene	Ave	1.710	1.537	0.5000	1.00	0.0250	-10.1	20.0
n-Butylbenzene	Ave	2.673	2.525		1.00	0.0250	-5.5	20.0
1,2-Dichlorobenzene	Ave	1.478	1.371	0.4000	1.00	0.0250	-7.2	20.0
1,2-Dibromo-3-Chloropropane	Lin1		0.0742	0.0500	2.00	0.0250	-11.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCVIS 240-105630/2 Calibration Date: 10/15/2013 11:28

Instrument ID: A3UX16 Calib Start Date: 10/02/2013 11:03

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2013 13:17

Lab File ID: UXM1003.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.8362	0.7640	0.2000	1.00	0.0250	-8.6	20.0
Hexachlorobutadiene	Lin1		0.3977		1.00	0.0250	28.8*	20.0
Naphthalene	Ave	1.785	1.389		1.00	0.0250	-22.2*	20.0
1,2,3-Trichlorobenzene	Ave	0.6992	0.6602		1.00	0.0250	-5.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2091	0.2077		0.0283	0.0285	-0.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2496	0.2281		0.0260	0.0285	-8.6	20.0
Toluene-d8 (Surr)	Ave	1.436	1.399		0.0278	0.0285	-2.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5066	0.4429		0.0249	0.0285	-12.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Lab Sample ID: CCV 240-105630/3 Calibration Date: 10/15/2013 11:51

Instrument ID: A3UX16 Calib Start Date: 10/02/2013 13:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2013 15:30

Lab File ID: UXM1004.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0240	0.0254		20.0	0.250	5.6	20.0
Diisopropyl ether	Ave	0.2151	0.2217		10.0	0.0250	3.1	20.0
2-Chloro-1,3-butadiene	Ave	0.4029	0.4554		2.00	0.0250	13.0	20.0
Ethyl-t-butyl ether (ETBE)	Ave	0.7672	0.7416		5.00	0.0250	-3.3	20.0
Propionitrile	Ave	0.0261	0.0235		4.00	0.250	-10.3	20.0
Ethyl acetate	Ave	0.1792	0.1605		4.00	0.0500	-10.4	20.0
Methacrylonitrile	Ave	0.1476	0.1334		2.00	0.250	-9.6	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.5446	0.5280		5.00	0.0250	-3.1	20.0
n-Butanol	Ave	0.0051	0.0036		50.0	0.625	-30.1*	20.0
Ethyl acrylate	Ave	0.2296	0.2038		1.00	0.0250	-11.2	20.0
Methyl methacrylate	Ave	0.2020	0.1830		2.00	0.0500	-9.4	20.0
2-Nitropropane	Ave	0.0357	0.0375		2.00	0.0500	5.3	20.0
Cyclohexanone	Lin1		0.0112		20.0	0.250	-34.2*	20.0
1,2,3-Trimethylbenzene	Ave	2.904	2.893		0.0249	0.0250	-0.4	20.0
1,3,5-Trichlorobenzene	Ave	0.9876	1.095		1.00	0.0250	10.8	20.0
2-Methylnaphthalene	Lin1		0.7410		5.00	0.0500	-23.8*	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-105630/8

Matrix: Water Lab File ID: UXM1009.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 13:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.23
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.22
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	1.0	U	1.0	0.28
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.19
563-58-6	1,1-Dichloropropene	1.0	U	1.0	0.13
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.17
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.43
526-73-8	1,2,3-Trimethylbenzene	5.0	U	5.0	0.0059
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.22
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
142-28-9	1,3-Dichloropropane	1.0	U	1.0	0.16
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.13
594-20-7	2,2-Dichloropropane	1.0	U	1.0	0.13
78-93-3	2-Butanone	10	U	10	0.57
110-75-8	2-Chloroethyl vinyl ether	10	U	10	0.99
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.11
591-78-6	2-Hexanone	10	U	10	0.41
106-43-4	4-Chlorotoluene	1.0	U	1.0	0.18
99-87-6	p-Isopropyltoluene	1.0	U	1.0	0.12
108-10-1	4-Methyl-2-pentanone	10	U	10	0.32
67-64-1	Acetone	2.38	J	10	1.1
71-43-2	Benzene	1.0	U	1.0	0.13
108-86-1	Bromobenzene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.64
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.13
108-90-7	Chlorobenzene	1.0	U	1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-105630/8

Matrix: Water | Lab File ID: UXM1009.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 13:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.29
67-66-3	Chloroform	1.0	U	1.0	0.16
74-87-3	Chloromethane	1.0	U	1.0	0.30
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14
74-95-3	Dibromomethane	1.0	U	1.0	0.28
74-97-5	Bromochloromethane	1.0	U	1.0	0.29
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15
75-65-0	tert-Butyl alcohol	50	U	50	3.9
100-41-4	Ethylbenzene	1.0	U	1.0	0.17
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.30
108-20-3	Diisopropyl ether	10	U	10	1.5
98-82-8	Isopropylbenzene	1.0	U	1.0	0.13
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.24
91-20-3	Naphthalene	1.0	U	1.0	0.24
104-51-8	n-Butylbenzene	1.0	U	1.0	0.12
103-65-1	n-Propylbenzene	1.0	U	1.0	0.14
95-47-6	o-Xylene	1.0	U	1.0	0.14
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.13
100-42-5	Styrene	1.0	U	1.0	0.11
994-05-8	Tert-amyl-methyl ether (TAME)	5.0	U	5.0	0.067
637-92-3	Ethyl-t-butyl ether (ETBE)	5.0	U	5.0	0.11
127-18-4	Tetrachloroethene	1.0	U	1.0	0.29
108-88-3	Toluene	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.21
108-05-4	Vinyl acetate	2.0	U	2.0	0.19
75-01-4	Vinyl chloride	1.0	U	1.0	0.22
1330-20-7	Xylenes, Total	2.0	U	2.0	0.14
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-105630/8

Matrix: Water Lab File ID: UXM1009.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 13:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		74-115
1868-53-7	Dibromofluoromethane (Surr)	97		75-121
460-00-4	4-Bromofluorobenzene (Surr)	85		66-117
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-129

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-106475/8

Matrix: Solid Lab File ID: 145422.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 10/21/2013 18:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 106475 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.62
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	5.0	U	5.0	1.3
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.36
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.52
563-58-6	1,1-Dichloropropene	5.0	U	5.0	0.30
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	0.38
96-18-4	1,2,3-Trichloropropane	5.0	U	5.0	0.90
526-73-8	1,2,3-Trimethylbenzene	5.0	U	5.0	0.17
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	0.27
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	1.3
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	0.36
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.34
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.69
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	0.35
142-28-9	1,3-Dichloropropane	5.0	U	5.0	0.34
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	0.66
594-20-7	2,2-Dichloropropane	5.0	U	5.0	0.94
78-93-3	2-Butanone	20	U	20	1.4
110-75-8	2-Chloroethyl vinyl ether	50	U	50	1.4
95-49-8	2-Chlorotoluene	5.0	U	5.0	0.40
591-78-6	2-Hexanone	20	U	20	0.63
106-43-4	4-Chlorotoluene	5.0	U	5.0	0.41
99-87-6	p-Isopropyltoluene	5.0	U	5.0	0.21
108-10-1	4-Methyl-2-pentanone	20	U	20	0.54
67-64-1	Acetone	20	U	20	6.3
71-43-2	Benzene	5.0	U	5.0	0.23
108-86-1	Bromobenzene	5.0	U	5.0	0.33
75-25-2	Bromoform	5.0	U	5.0	0.33
74-83-9	Bromomethane	5.0	U	5.0	0.54
75-15-0	Carbon disulfide	5.0	U	5.0	0.44
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.37
108-90-7	Chlorobenzene	5.0	U	5.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-106475/8

Matrix: Solid | Lab File ID: 145422.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 10/21/2013 18:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-00-3	Chloroethane	5.0	U	5.0	0.86
67-66-3	Chloroform	5.0	U	5.0	0.29
74-87-3	Chloromethane	5.0	U	5.0	0.41
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.36
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.34
74-95-3	Dibromomethane	5.0	U	5.0	0.63
74-97-5	Bromochloromethane	5.0	U	5.0	0.71
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.50
75-27-4	Bromodichloromethane	5.0	U	5.0	0.28
75-65-0	tert-Butyl alcohol	200	U	200	7.6
100-41-4	Ethylbenzene	5.0	U	5.0	0.26
87-68-3	Hexachlorobutadiene	5.0	U	5.0	1.2
108-20-3	Diisopropyl ether	10	U	10	1.5
98-82-8	Isopropylbenzene	5.0	U	5.0	0.16
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.43
75-09-2	Methylene Chloride	5.0	U	5.0	0.67
179601-23-1	m-Xylene & p-Xylene	10	U	10	1.2
91-20-3	Naphthalene	5.0	U	5.0	0.19
104-51-8	n-Butylbenzene	5.0	U	5.0	0.23
103-65-1	n-Propylbenzene	5.0	U	5.0	0.40
95-47-6	o-Xylene	5.0	U	5.0	0.35
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.18
100-42-5	Styrene	5.0	U	5.0	0.15
994-05-8	Tert-amyl-methyl ether (TAME)	5.0	U	5.0	0.37
637-92-3	Ethyl-t-butyl ether (ETBE)	5.0	U	5.0	0.22
127-18-4	Tetrachloroethene	5.0	U	5.0	0.52
108-88-3	Toluene	5.0	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.41
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.54
79-01-6	Trichloroethene	5.0	U	5.0	0.42
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.34
108-05-4	Vinyl acetate	10	U	10	0.25
75-01-4	Vinyl chloride	5.0	U	5.0	0.39
1330-20-7	Xylenes, Total	10	U	10	0.35
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-106475/8

Matrix: Solid | Lab File ID: 145422.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 10/21/2013 18:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	85		67-125
1868-53-7	Dibromofluoromethane (Surr)	77		37-132
460-00-4	4-Bromofluorobenzene (Surr)	79		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	68		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-105630/6

Matrix: Water Lab File ID: UXM1007.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 12:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	26.1		1.0	0.23
71-55-6	1,1,1-Trichloroethane	27.3		1.0	0.22
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.0	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	25.1		1.0	0.28
75-34-3	1,1-Dichloroethane	24.6		1.0	0.15
75-35-4	1,1-Dichloroethene	24.4		1.0	0.19
563-58-6	1,1-Dichloropropene	27.7		1.0	0.13
87-61-6	1,2,3-Trichlorobenzene	23.7		1.0	0.17
96-18-4	1,2,3-Trichloropropane	23.0		1.0	0.43
120-82-1	1,2,4-Trichlorobenzene	23.8		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	24.5		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		2.0	0.67
95-50-1	1,2-Dichlorobenzene	23.0		1.0	0.13
107-06-2	1,2-Dichloroethane	23.7		1.0	0.22
78-87-5	1,2-Dichloropropane	23.9		1.0	0.18
541-73-1	1,3-Dichlorobenzene	23.1		1.0	0.14
142-28-9	1,3-Dichloropropane	21.5		1.0	0.16
106-46-7	1,4-Dichlorobenzene	22.3		1.0	0.13
594-20-7	2,2-Dichloropropane	29.1		1.0	0.13
78-93-3	2-Butanone	40.8		10	0.57
110-75-8	2-Chloroethyl vinyl ether	23.1		10	0.99
95-49-8	2-Chlorotoluene	23.8		1.0	0.11
591-78-6	2-Hexanone	37.4		10	0.41
106-43-4	4-Chlorotoluene	23.7		1.0	0.18
99-87-6	p-Isopropyltoluene	26.8		1.0	0.12
108-10-1	4-Methyl-2-pentanone	41.5		10	0.32
67-64-1	Acetone	47.2		10	1.1
71-43-2	Benzene	24.5		1.0	0.13
108-86-1	Bromobenzene	23.0		1.0	0.13
75-25-2	Bromoform	20.6		1.0	0.64
74-83-9	Bromomethane	24.6		1.0	0.41
75-15-0	Carbon disulfide	26.3		1.0	0.13
56-23-5	Carbon tetrachloride	25.9		1.0	0.13
108-90-7	Chlorobenzene	22.9		1.0	0.15
124-48-1	Dibromochloromethane	21.3		1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-105630/6

Matrix: Water Lab File ID: UXM1007.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 12:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	23.5		1.0	0.29
67-66-3	Chloroform	24.3		1.0	0.16
74-87-3	Chloromethane	23.6		1.0	0.30
156-59-2	cis-1,2-Dichloroethene	24.2		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	25.1		1.0	0.14
74-95-3	Dibromomethane	24.4		1.0	0.28
74-97-5	Bromochloromethane	23.9		1.0	0.29
75-71-8	Dichlorodifluoromethane	27.5		1.0	0.31
75-27-4	Bromodichloromethane	25.0		1.0	0.15
75-65-0	tert-Butyl alcohol	214		50	3.9
100-41-4	Ethylbenzene	24.0		1.0	0.17
87-68-3	Hexachlorobutadiene	37.5		1.0	0.30
98-82-8	Isopropylbenzene	26.8		1.0	0.13
1634-04-4	Methyl tert-butyl ether	22.0		1.0	0.17
75-09-2	Methylene Chloride	21.2		1.0	0.33
179601-23-1	m-Xylene & p-Xylene	23.9		2.0	0.24
91-20-3	Naphthalene	18.9		1.0	0.24
104-51-8	n-Butylbenzene	25.5		1.0	0.12
103-65-1	n-Propylbenzene	24.2		1.0	0.14
95-47-6	o-Xylene	24.2		1.0	0.14
135-98-8	sec-Butylbenzene	26.6		1.0	0.13
100-42-5	Styrene	24.1		1.0	0.11
127-18-4	Tetrachloroethene	25.4		1.0	0.29
108-88-3	Toluene	24.1		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	25.3		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	22.0		1.0	0.19
79-01-6	Trichloroethene	26.1		1.0	0.17
75-69-4	Trichlorofluoromethane	27.0		1.0	0.21
108-05-4	Vinyl acetate	37.0		2.0	0.19
75-01-4	Vinyl chloride	23.9		1.0	0.22
1330-20-7	Xylenes, Total	48.1		2.0	0.14
98-06-6	tert-Butylbenzene	25.6		1.0	0.13
106-93-4	1,2-Dibromoethane	22.9		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-105630/6

Matrix: Water Lab File ID: UXM1007.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 12:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		74-115
1868-53-7	Dibromofluoromethane (Surr)	90		75-121
460-00-4	4-Bromofluorobenzene (Surr)	83		66-117
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		63-129

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-106475/5

Matrix: Solid | Lab File ID: 145419.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 10/21/2013 17:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	48.3		5.0	0.62
71-55-6	1,1,1-Trichloroethane	44.1		5.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	48.5		5.0	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	48.5		5.0	1.3
75-34-3	1,1-Dichloroethane	45.2		5.0	0.36
75-35-4	1,1-Dichloroethene	44.6		5.0	0.52
563-58-6	1,1-Dichloropropene	49.9		5.0	0.30
87-61-6	1,2,3-Trichlorobenzene	48.2		5.0	0.38
96-18-4	1,2,3-Trichloropropane	50.2		5.0	0.90
120-82-1	1,2,4-Trichlorobenzene	49.8		5.0	0.27
95-63-6	1,2,4-Trimethylbenzene	44.3		5.0	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	48.4		10	1.3
95-50-1	1,2-Dichlorobenzene	48.9		5.0	0.36
107-06-2	1,2-Dichloroethane	39.4		5.0	0.34
78-87-5	1,2-Dichloropropane	45.8		5.0	0.69
541-73-1	1,3-Dichlorobenzene	49.7		5.0	0.35
142-28-9	1,3-Dichloropropane	47.8		5.0	0.34
106-46-7	1,4-Dichlorobenzene	49.0		5.0	0.66
594-20-7	2,2-Dichloropropane	52.3		5.0	0.94
78-93-3	2-Butanone	91.0		20	1.4
110-75-8	2-Chloroethyl vinyl ether	54.5		50	1.4
95-49-8	2-Chlorotoluene	50.4		5.0	0.40
591-78-6	2-Hexanone	93.7		20	0.63
106-43-4	4-Chlorotoluene	49.6		5.0	0.41
99-87-6	p-Isopropyltoluene	47.7		5.0	0.21
108-10-1	4-Methyl-2-pentanone	95.8		20	0.54
67-64-1	Acetone	95.1		20	6.3
71-43-2	Benzene	47.2		5.0	0.23
108-86-1	Bromobenzene	51.1		5.0	0.33
75-25-2	Bromoform	49.2		5.0	0.33
74-83-9	Bromomethane	16.8		5.0	0.54
75-15-0	Carbon disulfide	51.6		5.0	0.44
56-23-5	Carbon tetrachloride	41.7		5.0	0.37
108-90-7	Chlorobenzene	47.9		5.0	0.33
124-48-1	Dibromochloromethane	48.4		5.0	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-106475/5

Matrix: Solid | Lab File ID: 145419.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 10/21/2013 17:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	24.3		5.0	0.86
67-66-3	Chloroform	42.3		5.0	0.29
74-87-3	Chloromethane	33.7		5.0	0.41
156-59-2	cis-1,2-Dichloroethene	48.2		5.0	0.36
10061-01-5	cis-1,3-Dichloropropene	44.3		5.0	0.34
74-95-3	Dibromomethane	46.8		5.0	0.63
74-97-5	Bromochloromethane	47.2		5.0	0.71
75-71-8	Dichlorodifluoromethane	36.6		5.0	0.50
75-27-4	Bromodichloromethane	42.8		5.0	0.28
75-65-0	tert-Butyl alcohol	592		200	7.6
100-41-4	Ethylbenzene	49.2		5.0	0.26
87-68-3	Hexachlorobutadiene	51.3		5.0	1.2
98-82-8	Isopropylbenzene	49.6		5.0	0.16
1634-04-4	Methyl tert-butyl ether	49.3		5.0	0.43
75-09-2	Methylene Chloride	41.1		5.0	0.67
179601-23-1	m-Xylene & p-Xylene	49.2		10	1.2
91-20-3	Naphthalene	49.7		5.0	0.19
104-51-8	n-Butylbenzene	49.8		5.0	0.23
103-65-1	n-Propylbenzene	52.2		5.0	0.40
95-47-6	o-Xylene	49.1		5.0	0.35
135-98-8	sec-Butylbenzene	49.5		5.0	0.18
100-42-5	Styrene	42.0		5.0	0.15
127-18-4	Tetrachloroethene	51.3		5.0	0.52
108-88-3	Toluene	48.1		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	49.2		5.0	0.41
10061-02-6	trans-1,3-Dichloropropene	53.3		5.0	0.54
79-01-6	Trichloroethene	50.2		5.0	0.42
75-69-4	Trichlorofluoromethane	28.2		5.0	0.34
108-05-4	Vinyl acetate	74.0		10	0.25
75-01-4	Vinyl chloride	36.7		5.0	0.39
1330-20-7	Xylenes, Total	98.3		10	0.35
98-06-6	tert-Butylbenzene	46.1		5.0	0.29
106-93-4	1,2-Dibromoethane	48.7		5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-106475/5

Matrix: Solid Lab File ID: 145419.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 10/21/2013 17:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 106475 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	83		67-125
1868-53-7	Dibromofluoromethane (Surr)	76		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	65		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-105630/5

Matrix: Water | Lab File ID: UXM1006.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 12:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	10	U	10	0.99
591-78-6	2-Hexanone	10	U	10	0.41
91-20-3	Naphthalene	1.0	U	1.0	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		10-150
1868-53-7	Dibromofluoromethane (Surr)	98		10-150
460-00-4	4-Bromofluorobenzene (Surr)	85		10-150
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		10-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-106475/6

Matrix: Solid Lab File ID: 145420.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 10/21/2013 18:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 106475 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.22
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-00-3	Chloroethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.30
75-65-0	tert-Butyl alcohol	50	U	50	3.9
100-42-5	Styrene	1.0	U	1.0	0.11
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	87		10-150
1868-53-7	Dibromofluoromethane (Surr)	75		10-150
460-00-4	4-Bromofluorobenzene (Surr)	85		10-150
17060-07-0	1,2-Dichloroethane-d4 (Surr)	67		10-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-106475/7

Matrix: Solid Lab File ID: 145421.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 10/21/2013 18:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 106475 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	86		10-150
1868-53-7	Dibromofluoromethane (Surr)	76		10-150
460-00-4	4-Bromofluorobenzene (Surr)	84		10-150
17060-07-0	1,2-Dichloroethane-d4 (Surr)	67		10-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: 240-29975-B-2 MS

Matrix: Water Lab File ID: UXM1027.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 20:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	26.1		1.0	0.23
71-55-6	1,1,1-Trichloroethane	27.5		1.0	0.22
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	25.0		1.0	0.28
75-34-3	1,1-Dichloroethane	24.1		1.0	0.15
75-35-4	1,1-Dichloroethene	24.0		1.0	0.19
563-58-6	1,1-Dichloropropene	27.1		1.0	0.13
87-61-6	1,2,3-Trichlorobenzene	22.8		1.0	0.17
96-18-4	1,2,3-Trichloropropane	23.1		1.0	0.43
526-73-8	1,2,3-Trimethylbenzene	5.0	U	5.0	0.0059
120-82-1	1,2,4-Trichlorobenzene	21.1		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	22.5		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	22.2		2.0	0.67
95-50-1	1,2-Dichlorobenzene	22.2		1.0	0.13
107-06-2	1,2-Dichloroethane	25.2		1.0	0.22
78-87-5	1,2-Dichloropropane	23.9		1.0	0.18
541-73-1	1,3-Dichlorobenzene	21.6		1.0	0.14
142-28-9	1,3-Dichloropropane	21.9		1.0	0.16
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.13
594-20-7	2,2-Dichloropropane	27.4		1.0	0.13
78-93-3	2-Butanone	41.3		10	0.57
110-75-8	2-Chloroethyl vinyl ether	10	U	10	0.99
95-49-8	2-Chlorotoluene	22.5		1.0	0.11
591-78-6	2-Hexanone	35.2		10	0.41
106-43-4	4-Chlorotoluene	21.6		1.0	0.18
99-87-6	p-Isopropyltoluene	24.3		1.0	0.12
108-10-1	4-Methyl-2-pentanone	41.3		10	0.32
67-64-1	Acetone	47.8		10	1.1
71-43-2	Benzene	24.7		1.0	0.13
108-86-1	Bromobenzene	22.0		1.0	0.13
75-25-2	Bromoform	21.2		1.0	0.64
74-83-9	Bromomethane	25.2		1.0	0.41
75-15-0	Carbon disulfide	25.9		1.0	0.13
56-23-5	Carbon tetrachloride	25.6		1.0	0.13
108-90-7	Chlorobenzene	22.6		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-29975-B-2 MS

Matrix: Water | Lab File ID: UXM1027.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 20:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	22.2		1.0	0.18
75-00-3	Chloroethane	24.2		1.0	0.29
67-66-3	Chloroform	25.1		1.0	0.16
74-87-3	Chloromethane	23.8		1.0	0.30
156-59-2	cis-1,2-Dichloroethene	25.0		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	23.9		1.0	0.14
74-95-3	Dibromomethane	25.5		1.0	0.28
74-97-5	Bromochloromethane	24.7		1.0	0.29
75-71-8	Dichlorodifluoromethane	30.7		1.0	0.31
75-27-4	Bromodichloromethane	25.4		1.0	0.15
75-65-0	tert-Butyl alcohol	217		50	3.9
100-41-4	Ethylbenzene	23.2		1.0	0.17
87-68-3	Hexachlorobutadiene	32.9		1.0	0.30
108-20-3	Diisopropyl ether	10	U	10	1.5
98-82-8	Isopropylbenzene	25.9		1.0	0.13
1634-04-4	Methyl tert-butyl ether	22.1		1.0	0.17
75-09-2	Methylene Chloride	21.1		1.0	0.33
179601-23-1	m-Xylene & p-Xylene	22.9		2.0	0.24
91-20-3	Naphthalene	18.6		1.0	0.24
104-51-8	n-Butylbenzene	22.1		1.0	0.12
103-65-1	n-Propylbenzene	22.1		1.0	0.14
95-47-6	o-Xylene	24.2		1.0	0.14
135-98-8	sec-Butylbenzene	23.9		1.0	0.13
100-42-5	Styrene	23.4		1.0	0.11
994-05-8	Tert-amyl-methyl ether (TAME)	5.0	U	5.0	0.067
637-92-3	Ethyl-t-butyl ether (ETBE)	5.0	U	5.0	0.11
127-18-4	Tetrachloroethene	24.4		1.0	0.29
108-88-3	Toluene	23.7		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	25.2		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	21.7		1.0	0.19
79-01-6	Trichloroethene	36.8		1.0	0.17
75-69-4	Trichlorofluoromethane	28.7		1.0	0.21
108-05-4	Vinyl acetate	32.2		2.0	0.19
75-01-4	Vinyl chloride	24.5		1.0	0.22
1330-20-7	Xylenes, Total	47.1		2.0	0.14
98-06-6	tert-Butylbenzene	23.6		1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-29975-B-2 MS

Matrix: Water | Lab File ID: UXM1027.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 20:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	23.2		1.0	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		74-115
1868-53-7	Dibromofluoromethane (Surr)	95		75-121
460-00-4	4-Bromofluorobenzene (Surr)	86		66-117
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		63-129

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-30066-D-3-C MS

Matrix: Solid | Lab File ID: 145426.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.26(g) | Date Analyzed: 10/21/2013 20:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	42.2		4.9	0.55
79-34-5	1,1,2,2-Tetrachloroethane	8.65		4.9	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	48.4		4.9	1.3
75-34-3	1,1-Dichloroethane	44.1		4.9	0.35
75-35-4	1,1-Dichloroethene	44.1		4.9	0.51
120-82-1	1,2,4-Trichlorobenzene	26.3		4.9	0.26
96-12-8	1,2-Dibromo-3-Chloropropane	41.1		9.8	1.3
95-50-1	1,2-Dichlorobenzene	32.9		4.9	0.35
107-06-2	1,2-Dichloroethane	36.8		4.9	0.33
78-87-5	1,2-Dichloropropane	41.5		4.9	0.67
541-73-1	1,3-Dichlorobenzene	31.7		4.9	0.34
106-46-7	1,4-Dichlorobenzene	30.8		4.9	0.64
78-93-3	2-Butanone	85.5		20	1.4
591-78-6	2-Hexanone	72.0		20	0.62
108-10-1	4-Methyl-2-pentanone	86.2		20	0.53
67-64-1	Acetone	96.0		20	6.2
71-43-2	Benzene	43.0		4.9	0.22
75-25-2	Bromoform	40.6		4.9	0.32
74-83-9	Bromomethane	17.7		4.9	0.53
75-15-0	Carbon disulfide	48.3		4.9	0.43
56-23-5	Carbon tetrachloride	38.6		4.9	0.36
108-90-7	Chlorobenzene	36.8		4.9	0.32
124-48-1	Dibromochloromethane	42.6		4.9	0.54
75-00-3	Chloroethane	24.1		4.9	0.84
67-66-3	Chloroform	40.6		4.9	0.28
74-87-3	Chloromethane	34.9		4.9	0.40
156-59-2	cis-1,2-Dichloroethene	45.8		4.9	0.35
10061-01-5	cis-1,3-Dichloropropene	36.5		4.9	0.33
75-71-8	Dichlorodifluoromethane	37.5		4.9	0.49
75-27-4	Bromodichloromethane	37.9		4.9	0.27
100-41-4	Ethylbenzene	35.7		4.9	0.25
98-82-8	Isopropylbenzene	33.9		4.9	0.16
1634-04-4	Methyl tert-butyl ether	49.9		4.9	0.42
75-09-2	Methylene Chloride	41.4		4.9	0.65
179601-23-1	m-Xylene & p-Xylene	35.0		9.8	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-30066-D-3-C MS

Matrix: Solid | Lab File ID: 145426.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.26(g) | Date Analyzed: 10/21/2013 20:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	37.3		4.9	0.34
100-42-5	Styrene	30.1		4.9	0.15
127-18-4	Tetrachloroethene	39.8		4.9	0.51
108-88-3	Toluene	40.2		4.9	0.26
156-60-5	trans-1,2-Dichloroethene	47.6		4.9	0.40
10061-02-6	trans-1,3-Dichloropropene	43.5		4.9	0.53
79-01-6	Trichloroethene	69.1		4.9	0.41
75-69-4	Trichlorofluoromethane	28.4		4.9	0.33
75-01-4	Vinyl chloride	37.7		4.9	0.38
1330-20-7	Xylenes, Total	72.3		9.8	0.34
106-93-4	1,2-Dibromoethane	42.7		4.9	0.49

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	86		67-125
1868-53-7	Dibromofluoromethane (Surr)	76		37-132
460-00-4	4-Bromofluorobenzene (Surr)	86		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	66		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Client Sample ID: Lab Sample ID: 240-29975-B-2 MSD

Matrix: Water Lab File ID: UXM1028.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 10/15/2013 21:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 105630 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	29.7		1.0	0.23
71-55-6	1,1,1-Trichloroethane	30.6		1.0	0.22
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	27.4		1.0	0.28
75-34-3	1,1-Dichloroethane	28.1		1.0	0.15
75-35-4	1,1-Dichloroethene	27.4		1.0	0.19
563-58-6	1,1-Dichloropropene	29.6		1.0	0.13
87-61-6	1,2,3-Trichlorobenzene	26.1		1.0	0.17
96-18-4	1,2,3-Trichloropropane	24.9		1.0	0.43
526-73-8	1,2,3-Trimethylbenzene	5.0	U	5.0	0.0059
120-82-1	1,2,4-Trichlorobenzene	24.7		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	25.9		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	22.5		2.0	0.67
95-50-1	1,2-Dichlorobenzene	25.3		1.0	0.13
107-06-2	1,2-Dichloroethane	27.9		1.0	0.22
78-87-5	1,2-Dichloropropane	26.7		1.0	0.18
541-73-1	1,3-Dichlorobenzene	24.9		1.0	0.14
142-28-9	1,3-Dichloropropane	24.3		1.0	0.16
106-46-7	1,4-Dichlorobenzene	24.2		1.0	0.13
594-20-7	2,2-Dichloropropane	30.7		1.0	0.13
78-93-3	2-Butanone	41.4		10	0.57
110-75-8	2-Chloroethyl vinyl ether	10	U	10	0.99
95-49-8	2-Chlorotoluene	25.8		1.0	0.11
591-78-6	2-Hexanone	39.9		10	0.41
106-43-4	4-Chlorotoluene	25.3		1.0	0.18
99-87-6	p-Isopropyltoluene	27.6		1.0	0.12
108-10-1	4-Methyl-2-pentanone	44.1		10	0.32
67-64-1	Acetone	48.1		10	1.1
71-43-2	Benzene	27.6		1.0	0.13
108-86-1	Bromobenzene	25.9		1.0	0.13
75-25-2	Bromoform	22.6		1.0	0.64
74-83-9	Bromomethane	28.3		1.0	0.41
75-15-0	Carbon disulfide	29.6		1.0	0.13
56-23-5	Carbon tetrachloride	29.0		1.0	0.13
108-90-7	Chlorobenzene	26.2		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-29975-B-2 MSD

Matrix: Water | Lab File ID: UXM1028.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 21:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	24.5		1.0	0.18
75-00-3	Chloroethane	27.2		1.0	0.29
67-66-3	Chloroform	28.2		1.0	0.16
74-87-3	Chloromethane	27.6		1.0	0.30
156-59-2	cis-1,2-Dichloroethene	28.5		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	27.4		1.0	0.14
74-95-3	Dibromomethane	27.8		1.0	0.28
74-97-5	Bromochloromethane	27.5		1.0	0.29
75-71-8	Dichlorodifluoromethane	34.0		1.0	0.31
75-27-4	Bromodichloromethane	28.4		1.0	0.15
75-65-0	tert-Butyl alcohol	220		50	3.9
100-41-4	Ethylbenzene	26.7		1.0	0.17
87-68-3	Hexachlorobutadiene	36.4		1.0	0.30
108-20-3	Diisopropyl ether	10	U	10	1.5
98-82-8	Isopropylbenzene	28.7		1.0	0.13
1634-04-4	Methyl tert-butyl ether	24.3		1.0	0.17
75-09-2	Methylene Chloride	24.9		1.0	0.33
179601-23-1	m-Xylene & p-Xylene	26.3		2.0	0.24
91-20-3	Naphthalene	21.2		1.0	0.24
104-51-8	n-Butylbenzene	24.9		1.0	0.12
103-65-1	n-Propylbenzene	25.4		1.0	0.14
95-47-6	o-Xylene	27.3		1.0	0.14
135-98-8	sec-Butylbenzene	27.4		1.0	0.13
100-42-5	Styrene	26.8		1.0	0.11
994-05-8	Tert-amyl-methyl ether (TAME)	5.0	U	5.0	0.067
637-92-3	Ethyl-t-butyl ether (ETBE)	5.0	U	5.0	0.11
127-18-4	Tetrachloroethene	27.4		1.0	0.29
108-88-3	Toluene	27.1		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	29.0		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	24.9		1.0	0.19
79-01-6	Trichloroethene	41.3		1.0	0.17
75-69-4	Trichlorofluoromethane	31.7		1.0	0.21
108-05-4	Vinyl acetate	36.5		2.0	0.19
75-01-4	Vinyl chloride	28.2		1.0	0.22
1330-20-7	Xylenes, Total	53.6		2.0	0.14
98-06-6	tert-Butylbenzene	27.1		1.0	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-29975-B-2 MSD

Matrix: Water | Lab File ID: UXM1028.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 10/15/2013 21:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105630 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	25.5		1.0	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		74-115
1868-53-7	Dibromofluoromethane (Surr)	99		75-121
460-00-4	4-Bromofluorobenzene (Surr)	90		66-117
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		63-129

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-30066-D-3-D MSD

Matrix: Solid | Lab File ID: 145427.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.51(g) | Date Analyzed: 10/21/2013 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	42.0		4.7	0.52
79-34-5	1,1,2,2-Tetrachloroethane	4.76		4.7	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trichfluoroeth ane	46.9		4.7	1.2
75-34-3	1,1-Dichloroethane	43.0		4.7	0.34
75-35-4	1,1-Dichloroethene	42.0		4.7	0.48
120-82-1	1,2,4-Trichlorobenzene	25.6		4.7	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	39.7		9.3	1.2
95-50-1	1,2-Dichlorobenzene	34.0		4.7	0.34
107-06-2	1,2-Dichloroethane	37.0		4.7	0.32
78-87-5	1,2-Dichloropropane	41.9		4.7	0.64
541-73-1	1,3-Dichlorobenzene	32.7		4.7	0.33
106-46-7	1,4-Dichlorobenzene	31.9		4.7	0.62
78-93-3	2-Butanone	82.6		19	1.3
591-78-6	2-Hexanone	73.6		19	0.59
108-10-1	4-Methyl-2-pentanone	86.1		19	0.50
67-64-1	Acetone	94.1		19	5.9
71-43-2	Benzene	42.7		4.7	0.21
75-25-2	Bromoform	42.3		4.7	0.31
74-83-9	Bromomethane	17.7		4.7	0.50
75-15-0	Carbon disulfide	46.8		4.7	0.41
56-23-5	Carbon tetrachloride	38.3		4.7	0.34
108-90-7	Chlorobenzene	37.8		4.7	0.31
124-48-1	Dibromochloromethane	42.7		4.7	0.51
75-00-3	Chloroethane	25.6		4.7	0.80
67-66-3	Chloroform	39.5		4.7	0.27
74-87-3	Chloromethane	33.5		4.7	0.38
156-59-2	cis-1,2-Dichloroethene	45.1		4.7	0.34
10061-01-5	cis-1,3-Dichloropropene	36.5		4.7	0.32
75-71-8	Dichlorodifluoromethane	36.1		4.7	0.47
75-27-4	Bromodichloromethane	38.3		4.7	0.26
100-41-4	Ethylbenzene	37.1		4.7	0.24
98-82-8	Isopropylbenzene	35.1		4.7	0.15
1634-04-4	Methyl tert-butyl ether	48.9		4.7	0.40
75-09-2	Methylene Chloride	39.5		4.7	0.62
179601-23-1	m-Xylene & p-Xylene	36.8		9.3	1.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-30141-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-30066-D-3-D MSD

Matrix: Solid | Lab File ID: 145427.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.51(g) | Date Analyzed: 10/21/2013 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.6 | Level: (low/med) Low

Analysis Batch No.: 106475 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	38.6		4.7	0.33
100-42-5	Styrene	31.0		4.7	0.14
127-18-4	Tetrachloroethene	41.4		4.7	0.48
108-88-3	Toluene	41.7		4.7	0.25
156-60-5	trans-1,2-Dichloroethene	45.2		4.7	0.38
10061-02-6	trans-1,3-Dichloropropene	45.8		4.7	0.50
79-01-6	Trichloroethene	73.6		4.7	0.39
75-69-4	Trichlorofluoromethane	30.0		4.7	0.32
75-01-4	Vinyl chloride	36.4		4.7	0.36
1330-20-7	Xylenes, Total	75.4		9.3	0.33
106-93-4	1,2-Dibromoethane	44.1		4.7	0.47

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		67-125
1868-53-7	Dibromofluoromethane (Surr)	78		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	69		58-123

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Instrument ID: A3UX14 Start Date: 09/27/2013 15:32

Analysis Batch Number: 103323 End Date: 09/28/2013 01:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-103323/27		09/27/2013 15:32	1	BFB14532.D	DB-624 0.18(mm)
IC 240-103323/3		09/27/2013 16:19	1	144943.D	DB-624 0.18(mm)
IC 240-103323/4		09/27/2013 16:44	1	144944.D	DB-624 0.18(mm)
IC 240-103323/5		09/27/2013 17:08	1	144945.D	DB-624 0.18(mm)
ICIS 240-103323/6		09/27/2013 17:33	1	144946.D	DB-624 0.18(mm)
IC 240-103323/7		09/27/2013 17:57	1	144947.D	DB-624 0.18(mm)
IC 240-103323/8		09/27/2013 18:21	1	144948.D	DB-624 0.18(mm)
IC 240-103323/9		09/27/2013 18:46	1	144949.D	DB-624 0.18(mm)
IC 240-103323/10		09/27/2013 19:10	1	144950.D	DB-624 0.18(mm)
IC 240-103323/11		09/27/2013 19:35	1	144951.D	DB-624 0.18(mm)
IC 240-103323/12		09/27/2013 19:59	1	144952.D	DB-624 0.18(mm)
IC 240-103323/13		09/27/2013 20:24	1	144953.D	DB-624 0.18(mm)
IC 240-103323/14		09/27/2013 20:48	1	144954.D	DB-624 0.18(mm)
IC 240-103323/15		09/27/2013 21:13	1	144955.D	DB-624 0.18(mm)
IC 240-103323/16		09/27/2013 21:37	1	144956.D	DB-624 0.18(mm)
IC 240-103323/17		09/27/2013 22:02	1	144957.D	DB-624 0.18(mm)
IC 240-103323/18		09/27/2013 22:26	1	144958.D	DB-624 0.18(mm)
IC 240-103323/19		09/27/2013 22:51	1	144959.D	DB-624 0.18(mm)
IC 240-103323/20		09/27/2013 23:16	1	144960.D	DB-624 0.18(mm)
ICV 240-103323/21		09/27/2013 23:41	1	144961.D	DB-624 0.18(mm)
ZZZZZ		09/28/2013 00:05	1		DB-624 0.18(mm)
ZZZZZ		09/28/2013 00:30	1		DB-624 0.18(mm)
ZZZZZ		09/28/2013 00:54	1		DB-624 0.18(mm)
ZZZZZ		09/28/2013 01:19	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Instrument ID: A3UX14 Start Date: 10/21/2013 16:20

Analysis Batch Number: 106475 End Date: 10/21/2013 21:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-106475/1		10/21/2013 16:20	1	BFB14548.D	DB-624 0.18(mm)
CCVIS 240-106475/3		10/21/2013 17:03	1	145417.D	DB-624 0.18(mm)
CCV 240-106475/4		10/21/2013 17:24	1	145418.D	DB-624 0.18(mm)
LCS 240-106475/5		10/21/2013 17:46	1	145419.D	DB-624 0.18(mm)
MRL 240-106475/6		10/21/2013 18:07	1	145420.D	DB-624 0.18(mm)
MRL 240-106475/7		10/21/2013 18:29	1	145421.D	DB-624 0.18(mm)
MB 240-106475/8		10/21/2013 18:50	1	145422.D	DB-624 0.18(mm)
ZZZZZ		10/21/2013 19:12	1		DB-624 0.18(mm)
ZZZZZ		10/21/2013 19:55	1		DB-624 0.18(mm)
240-30066-D-3-C MS		10/21/2013 20:17	1	145426.D	DB-624 0.18(mm)
240-30066-D-3-D MSD		10/21/2013 20:38	1	145427.D	DB-624 0.18(mm)
240-30141-1	I-DC-SCA-2	10/21/2013 21:00	1	145428.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Instrument ID: A3UX16 Start Date: 10/02/2013 10:38

Analysis Batch Number: 103835 End Date: 10/02/2013 17:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-103835/1		10/02/2013 10:38	1	BFB3777.D	DB-624 0.18(mm)
STD8260 240-103835/2 IC		10/02/2013 11:03	1	UXM0690.D	DB-624 0.18(mm)
STD8260 240-103835/3 IC		10/02/2013 11:26	1	UXM0691.D	DB-624 0.18(mm)
STD8260 240-103835/4 ICIS		10/02/2013 11:48	1	UXM0692.D	DB-624 0.18(mm)
STD8260 240-103835/5 IC		10/02/2013 12:10	1	UXM0693.D	DB-624 0.18(mm)
STD8260 240-103835/6 IC		10/02/2013 12:32	1	UXM0694.D	DB-624 0.18(mm)
STD8260 240-103835/7 IC		10/02/2013 12:55	1	UXM0695.D	DB-624 0.18(mm)
STD8260 240-103835/8 IC		10/02/2013 13:17	1	UXM0696.D	DB-624 0.18(mm)
STDA9 240-103835/9 IC		10/02/2013 13:39	1	UXM0697.D	DB-624 0.18(mm)
STDA9 240-103835/10 IC		10/02/2013 14:01	1	UXM0698.D	DB-624 0.18(mm)
STDA9 240-103835/11 IC		10/02/2013 14:23	1	UXM0699.D	DB-624 0.18(mm)
STDA9 240-103835/12 IC		10/02/2013 14:45	1	UXM0700.D	DB-624 0.18(mm)
STDA9 240-103835/13 IC		10/02/2013 15:07	1	UXM0701.D	DB-624 0.18(mm)
STDA9 240-103835/14 IC		10/02/2013 15:30	1	UXM0702.D	DB-624 0.18(mm)
ICV 240-103835/15		10/02/2013 15:52	1	UXM0703.D	DB-624 0.18(mm)
ZZZZZ		10/02/2013 16:15	1		DB-624 0.18(mm)
ZZZZZ		10/02/2013 17:00	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Instrument ID: A3UX16 Start Date: 10/15/2013 11:03

Analysis Batch Number: 105630 End Date: 10/15/2013 21:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-105630/1		10/15/2013 11:03	1	BFB3738.D	DB-624 0.18(mm)
CCVIS 240-105630/2		10/15/2013 11:28	1	UXM1003.D	DB-624 0.18(mm)
CCV 240-105630/3		10/15/2013 11:51	1	UXM1004.D	DB-624 0.18(mm)
MRL 240-105630/5		10/15/2013 12:36	1	UXM1006.D	DB-624 0.18(mm)
LCS 240-105630/6		10/15/2013 12:58	1	UXM1007.D	DB-624 0.18(mm)
MB 240-105630/8		10/15/2013 13:42	1	UXM1009.D	DB-624 0.18(mm)
ZZZZZ		10/15/2013 14:34	33.33		DB-624 0.18(mm)
ZZZZZ		10/15/2013 14:56	5		DB-624 0.18(mm)
ZZZZZ		10/15/2013 15:19	1		DB-624 0.18(mm)
ZZZZZ		10/15/2013 15:41	1666.7		DB-624 0.18(mm)
ZZZZZ		10/15/2013 16:03	2500		DB-624 0.18(mm)
ZZZZZ		10/15/2013 16:25	1000		DB-624 0.18(mm)
ZZZZZ		10/15/2013 16:47	1		DB-624 0.18(mm)
ZZZZZ		10/15/2013 17:10	1		DB-624 0.18(mm)
ZZZZZ		10/15/2013 17:32	1		DB-624 0.18(mm)
ZZZZZ		10/15/2013 17:54	1		DB-624 0.18(mm)
ZZZZZ		10/15/2013 18:17	1		DB-624 0.18(mm)
240-30141-2	TB-101013	10/15/2013 18:39	1	UXM1021.D	DB-624 0.18(mm)
ZZZZZ		10/15/2013 19:01	5		DB-624 0.18(mm)
ZZZZZ		10/15/2013 19:23	25		DB-624 0.18(mm)
ZZZZZ		10/15/2013 19:45	3333.3		DB-624 0.18(mm)
ZZZZZ		10/15/2013 20:08	20000		DB-624 0.18(mm)
ZZZZZ		10/15/2013 20:30	1		DB-624 0.18(mm)
240-29975-B-2 MS		10/15/2013 20:52	1	UXM1027.D	DB-624 0.18(mm)
240-29975-B-2 MSD		10/15/2013 21:14	1	UXM1028.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Batch Number: 106487 Batch Start Date: 10/21/13 17:43 Batch Analyst: Macenczak, Steven

Batch Method: 5030C Batch End Date: 10/21/13 17:59

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
240-30066-D-3 MS		5030C, 8260C	T	5.26 g	5 mL				
240-30066-D-3 MSD		5030C, 8260C	T	5.51 g	5 mL				
240-30141-B-1	I-DC-SCA-2	5030C, 8260C	T	5.56 g	5 mL				

Batch Notes	
Balance ID	b035

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-30141-1

SDG No.:

Project: MRC Soil Remediation

Client Sample ID	Lab Sample ID
I-DC-SCA-2	240-30141-1

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-30141-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-30141-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/14/2013 12:33 End Date: 10/14/2013 17:12

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:33	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/14/2013 12:33 End Date: 10/14/2013 17:12

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:33																					
ZZZZZZ			12:33																					
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240-30177-D-2 DU	1	T	12:33	X	X																			
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240-30141-1	1	T	12:33	X	X																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/14/2013 12:33 End Date: 10/14/2013 17:12

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:35																					
ZZZZZZ			13:35																					
ZZZZZZ			13:35																					
ZZZZZZ			13:35																					
ZZZZZZ			13:35																					
ZZZZZZ			13:35																					
ZZZZZZ			13:38																					
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ZZZZZZ			16:10																					
ZZZZZZ			17:12																					
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ZZZZZZ			17:12																					
ZZZZZZ			17:12																					
ZZZZZZ			17:12																					

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-30141-1

SDG No.:

Batch Number: 105425 Batch Start Date: 10/14/13 12:33 Batch Analyst: Burns, Jill

Batch Method: Moisture Batch End Date: 10/15/13 07:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-30177-D-2 DU		Moisture	T	4.4218 g	7.1950 g	7.0271 g			
240-30141-A-1	I-DC-SCA-2	Moisture	T	4.4218 g	15.7058 g	14.3715 g			

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	10/14/13
Oven Temp when samples are put in oven	102.0 Degrees C
Time samples were place in the oven	13:55
Date samples were removed from oven	10/15/13
Oven Temp when samples removed from oven	103.3 Degrees C
Time Samples were removed from oven	5:22
Oven ID	002
ID number of the thermometer	TEMPGUARD BOX C #6

Basis	Basis Description
T	Total/NA

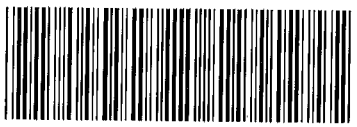
The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-30141 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

Chain of Custody Record

2.6

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: Tetra Tech	Client Project Manager: Chris Pike	Site Contact: Stu Cameron	Lab Contact: John McFadden	COC No:
Address: 20251 Century Blvd Ste 200	Telephone: (412) 302-1624	Telephone: (703) 342-8389	Telephone: (330) 966-0355	1 of 1 COCs
City/State/Zip: Germantown MD 20874	Email:	Analysis Turnaround Time (in BUS days)		For lab use only
Phone: (301) 528-5552		TAT if different from below Standard ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐ Job/SDG No:
Project Name: MRC Soil Remediation	Method of Shipment/Carrier:			
Project Number:	Shipping/Tracking No:			
P O #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite-C/Grab-G	Analyses: VOCs	Sample Specific Notes / Special Instructions:
I-DC-SCA-2	10/10/13	1145				X							1			G	X	
TB-101013	—	—		X						2							X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Tetra Tech	10-10-13/1200	[signature]	TestAmerica	10/10/13/1200
[signature]	TestAmerica	10/10/13/1510	[signature]	TA	10-11-13 920
			Received in Laboratory by:		

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TAL-0018 (1008)

TestAmerica Canton Sample Receipt Form/Narrative Login # : 3014
Canton Facility

Client TetraTech Site Name _____ Cooler unpacked by:

Cooler Received on 10-11-13 Opened on 10-11-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C		
IR GUN# 4	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form	
IR GUN# 5	(CF +2 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C		
IR GUN# 8	(CF -0 °C) Observed Cooler Temp. 2.6 °C	Corrected Cooler Temp. 2.6 °C		

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   - Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   - Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# **HC376062**
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: [signature]

COC = 2x40 TB only recd 1x40.

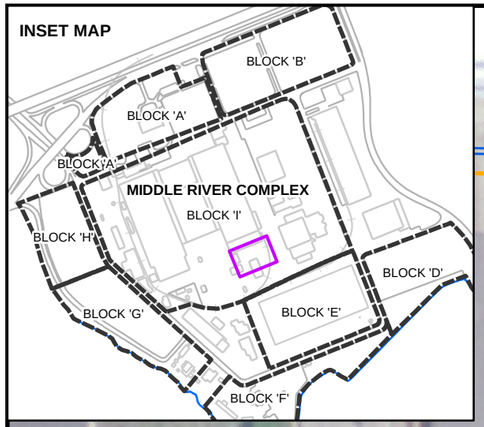
15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

INSET MAP



Injection Equipment Trailer

Decon Pad

I-VB-1
I-VS-1
I-DC-SCA-1-A
I-VS-2
I-VB-2
I-DC-SCA-1-B
I-VS-3
I-VB-3
I-VS-4
I-DC-SCA-1-C
I-VB-4
I-VS-5
I-DC-SCA-1-D
I-VB-5
I-VS-6
I-DC-SCA-1-E

FIGURE 3-6

SOIL VERIFICATION AND DISPOSAL CHARACTERIZATION SAMPLE LOCATIONS, BLOCK I GROUNDWATER REMEDIAL SYSTEM INSTALLATION

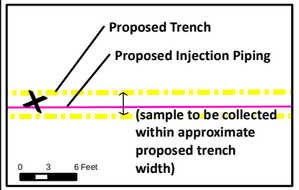
LEGEND

- I-DC-SCA-#-(A-E) PRE-EXCAVATION DISPOSAL CHARACTERIZATION (DC) SOIL BORING/SAMPLE COMPOSITE LOCATION
- I-VB-1 or I-VS-1 BLOCK I VERIFICATION SAMPLE, BASE(B) OR SIDEWALL(S)

EXISTING UTILITIES

- COMMUNICATION
- FIRE WATER
- FORCE MAIN
- GAS
- SANITARY SEWER
- UNDERGROUND ELECTRIC
- WATER
- STORM SEWER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- TRAILER
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- EXISTING FENCE
- TAX PARCELS
- INJECTION WELLS
- EXTRACTION WELLS

Detail of Approximate Trench Sample Placement:



Lockheed Martin Middle River Complex
Middle River, Maryland

0 3.256.5 13 Feet

N

DATE MODIFIED: 12/20/12

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block I soil Verification and Disposal Characterization Sample Locations 2012.mxd)
12/20/2012 -- 3:55:09 PM

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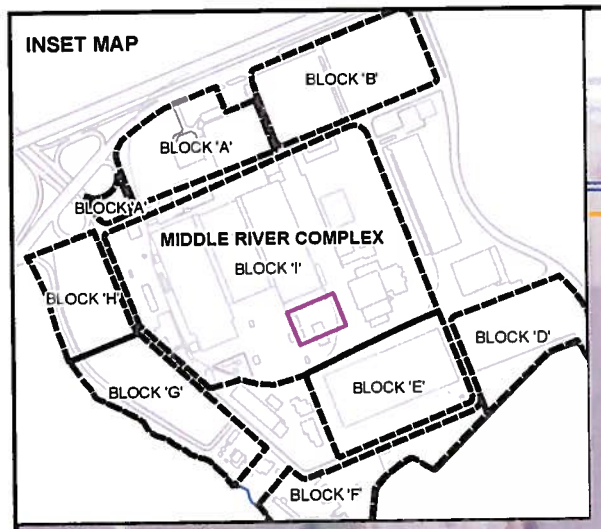


Injection Equipment Trailer

Decon Pad

I-VB-1
I-VS-1
I-DC-SCA-1-A
I-VS-2
I-VB-2
I-DC-SCA-1-B
I-VS-3
I-VB-3
I-VS-4
I-DC-SCA-1-D
I-VS-5
I-VB-5
I-VS-6
I-DC-SCA-1-E
I-DC-SCA-1-C
I-VB-4

FIGURE 3-6

SOIL VERIFICATION AND DISPOSAL CHARACTERIZATION SAMPLE LOCATIONS, BLOCK I GROUNDWATER REMEDIAL SYSTEM INSTALLATION

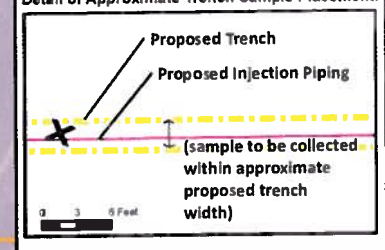
LEGEND

- ☆ I-DC-SCA-#-(A-E) PRE-EXCAVATION DISPOSAL CHARACTERIZATION (DC) SOIL BORING/SAMPLE COMPOSITE LOCATION
- ✕ I-VB-1 or I-VS-1 BLOCK I VERIFICATION SAMPLE, BASE(B) OR SIDEWALL(S)

EXISTING UTILITIES

- COMMUNICATION
- FIRE WATER
- FORCE MAIN
- GAS
- SANITARY SEWER
- UNDERGROUND ELECTRIC
- WATER
- STORM SEWER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- TRAILER
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- EXISTING FENCE
- TAX PARCELS
- INJECTION WELLS
- EXTRACTION WELLS

Detail of Approximate Trench Sample Placement:



Lockheed Martin Middle River Complex
Middle River, Maryland

0 3.256.5 13 Feet

DATE MODIFIED: 12/20/12

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block I soil Verification and Disposal Characterization Sample Locations 2012.mxd)
12/20/2012 -- 3:55:09 PM

©2010 Waste Management, Inc.

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
User: mfalk
Date: Oct 08 2013, 8:03:27 AM - Central Standard Time
Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
7/10/2013 13:19	7/10/2013 13:46	847218	KBS	43	25900	63680	37780	18.89	DUMP TRK W/3rd AXLE	73280		
7/10/2013 13:19	7/10/2013 13:46	854370	KBS	43	25900	63680	37780	18.89	DUMP TRK W/3rd AXLE			REPLACEMENT TICKET FOR TICKET # 847218
7/10/2013 14:32	7/10/2013 14:50	847314	KBS	71	26040	53540	27500	13.75				
7/10/2013 14:32	7/10/2013 14:50	854408	KBS	71	26040	53540	27500	13.75				REPLACEMENT TICKET FOR TICKET # 847314
7/10/2013 14:45	7/10/2013 15:34	847323	TOMAR	37	34760	78680	43920	21.96		80000		
7/10/2013 14:28	7/10/2013 15:39	847312	KBS	73	26100	64060	37960	18.98				
7/10/2013 14:28	7/10/2013 15:39	854389	KBS	73	26100	64060	37960	18.98				REPLACEMENT TICKET FOR TICKET # 847312
7/10/2013 14:50	7/10/2013 15:40	847329	TOMAR	36	35740	78700	42960	21.48		80000		
7/10/2013 14:14	7/10/2013 15:42	847295	KBS	41	25880	57880	32000	16	DUMP TRK W/3rd AXLE	73280		
7/10/2013 14:14	7/10/2013 15:42	854380	KBS	41	25880	57880	32000	16	DUMP TRK W/3rd AXLE			REPLACEMENT TICKET FOR TICKET # 847295
7/10/2013 14:21	7/10/2013 15:43	847305	KBS	44	25740	55800	30060	15.03	DUMP TRK W/3rd AXLE	73280		
7/10/2013 14:21	7/10/2013 15:43	854387	KBS	44	25740	55800	30060	15.03	DUMP TRK W/3rd AXLE			REPLACEMENT TICKET FOR TICKET # 847305
7/10/2013 15:53	7/10/2013 16:28	847364	TOMAR	5	35340	83880	48540	24.27	TRANSFER TRAILER	80000	3880	License: 650F33, MD, Owner: TOMAR TRUCKING INC, Address: 8420 WARREN DR POMFRET, MD, 21220. Phone: 4106821315.
7/11/2013 7:57	7/11/2013 8:21	847523	PAYNE	501	25400	65360	39960	19.98	DUMP TRK W/3rd AXLE	73280		
7/11/2013 13:00	7/11/2013 13:38	847770	TOMAR	36	35620	70940	35320	17.66	TRANSFER TRAILER	80000		
7/11/2013 13:13	7/11/2013 13:43	847784	TOMAR	37	35020	66660	31640	15.82	TRANSFER TRAILER	80000		
7/11/2013 13:22	7/11/2013 13:47	847797	KBS	71	25820	63920	38100	19.05	DUMP TRK W/3rd AXLE	73280		
7/11/2013 13:30	7/11/2013 13:53	847807	KBS	54	29440	62640	33200	16.6	DUMP TRK W/3rd AXLE	73280		
7/11/2013 13:44	7/11/2013 14:10	847826	KBS	73	26040	65600	39560	19.78	DUMP TRK W/3rd AXLE	73280		
7/11/2013 13:50	7/11/2013 14:20	847830	KBS	41	25860	63220	37360	18.68	DUMP TRK W/3rd AXLE	73280		
7/11/2013 14:33	7/11/2013 15:00	847866	KBS	43	25720	62340	36620	18.31	DUMP TRK W/3rd AXLE	73280		
7/11/2013 14:24	7/11/2013 15:01	847858	TOMAR	36	36240	72320	36080	18.04	TRANSFER TRAILER	80000		
7/12/2013 7:44	7/12/2013 8:12	848086	PAYNE	501	25580	70200	44620	22.31	DUMP TRK W/3rd AXLE	73280		
7/12/2013 11:54	7/12/2013 12:47	848282	JJMOTORING	964	24720	65540	40820	20.41		999999		
7/12/2013 11:58	7/12/2013 12:48	848288	JJMOTORING	297	25400	65560	40160	20.08		999999		
7/12/2013 12:01	7/12/2013 12:58	848294	JJMOTORING	675	25800	65740	39940	19.97		80000		
7/12/2013 12:36	7/12/2013 13:20	848328	KBS	71	25880	66640	40760	20.38	DUMP TRK W/3rd AXLE	73280		
7/12/2013 12:38	7/12/2013 13:21	848329	KBS	69	25660	69880	44220	22.11	DUMP TRK W/3rd AXLE	73280		
7/12/2013 12:40	7/12/2013 13:23	848330	KBS	67	25500	67940	42440	21.22	DUMP TRK W/3rd AXLE	73280		
7/12/2013 12:54	7/12/2013 13:23	848347	KBS	43	25840	65480	39640	19.82	DUMP TRK W/3rd AXLE	73280		
7/12/2013 12:58	7/12/2013 13:25	848351	KBS	66	25680	65540	39860	19.93	DUMP TRK W/3rd AXLE	73280		
7/15/2013 10:35	7/15/2013 10:56	848973	KBS	66	25740	70720	44980	22.49	DUMP TRK W/3rd AXLE	73280		
7/15/2013 10:37	7/15/2013 11:02	848976	KBS	69	25860	68000	42140	21.07	DUMP TRK W/3rd AXLE	73280		
7/15/2013 11:54	7/15/2013 12:42	849046	PAYNE	501	25400	74000	48600	24.3	DUMP TRK W/3rd AXLE	73280	720	License: 231ED34, MD, Owner: PAYNE INC, Address: 10411 HALL INDUSTRIAL DRIVE FREDERICKBURG, VA, 22408. Phone: 9739037022.

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
User: mfalk
Date: Oct 08 2013, 8:03:27 AM - Central Standard Time
Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
7/15/2013 12:03	7/15/2013 12:43	849055	TOMAR	37	34540	87040	52500	26.25	TRANSFER TRAILER	80000	7040	License: 650F33, MD, Owner: TOMAR TRUCKING INC, Address: 8420 WARREN DRIVE POMFRET, MD, 20675. Phone: 4106821315.
7/15/2013 11:56	7/15/2013 12:49	849049	KBS	67	25720	71920	46200	23.1	DUMP TRK W/3rd AXLE	73280		
7/15/2013 12:50	7/15/2013 13:16	849096	KBS	46	24800	74760	49960	24.98	DUMP TRK W/3rd AXLE	73280	1480	License: AE87860, PA, Owner: KBS INC, Address: RT & KBS ROAD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 9739037022.
7/15/2013 12:52	7/15/2013 13:17	849099	KBS	65	25620	65880	40260	20.13	DUMP TRK W/3rd AXLE	73280		
7/15/2013 13:07	7/15/2013 13:53	849107	TOMAR	37	35500	92860	57360	28.68	TRANSFER TRAILER	80000	12860	License: 650F33, MD, Owner: TOMAR TRUCKING INC, Address: 8420 WARREN DRIVE POMFRET, MD, 20675. Phone: 4106821315.
7/15/2013 14:19	7/15/2013 15:23	849195	TOMAR	37	38480	76240	37760	18.88	TRANSFER TRAILER	80000		
7/16/2013 7:13	7/16/2013 7:42	849425	JJMOTORING	297	25020	73680	48660	24.33	DUMP TRK W/3rd AXLE	73280	400	License: 234ED81, MD, Owner: HOBBS TRUCKING INC, Address: 4410 EMMITSBURG ROAD FAIRFIELD, PA, 17320. Phone: 3026906862.
7/16/2013 7:09	7/16/2013 7:43	849420	JJMOTORING	675	25840	78900	53060	26.53	DUMP TRK W/3rd AXLE	73280	5620	License: 210ed75, MD, Owner: HOBBS TRUCKING INC, Address: 4410 EMMITSBURG RD FAIRFIELD , VA, 17320. Phone: 3026906862.
7/16/2013 7:38	7/16/2013 7:57	849452	KBS	66	25840	70280	44440	22.22	DUMP TRK W/3rd AXLE	73280		
7/16/2013 8:01	7/16/2013 8:26	849473	KBS	69	25760	75460	49700	24.85	DUMP TRK W/3rd AXLE	73280	2180	License: AG00812, PA, Owner: KBS INC, Address: RT30 & KBS ROAD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 4106821315.
7/16/2013 10:14	7/16/2013 10:38	849582	KBS	71	26000	71400	45400	22.7	DUMP TRK W/3rd AXLE	73280		
7/16/2013 10:32	7/16/2013 11:01	849595	KBS	65	25640	63920	38280	19.14	DUMP TRK W/3rd AXLE	73280		
7/16/2013 11:04	7/16/2013 11:31	849618	KBS	54	29460	65500	36040	18.02	DUMP TRK W/3rd AXLE	73280		
7/16/2013 11:05	7/16/2013 11:32	849621	KBS	56	27980	69260	41280	20.64	DUMP TRK W/3rd AXLE	73280		
7/16/2013 10:58	7/16/2013 11:34	849612	TOMAR	37	36780	73340	36560	18.28	TRANSFER TRAILER	80000		
7/16/2013 11:56	7/16/2013 12:42	849672	TOMAR	37	34120	65300	31180	15.59	TRANSFER TRAILER	80000		
7/16/2013 13:10	7/16/2013 13:51	849750	KBS	73	26040	65260	39220	19.61	DUMP TRK W/3rd AXLE	73280		
7/16/2013 13:34	7/16/2013 13:58	849772	KBS	66	25540	69500	43960	21.98	DUMP TRK W/3rd AXLE	73280		
7/16/2013 13:37	7/16/2013 13:59	849776	KBS	59	24780	66420	41640	20.82	DUMP TRK W/3rd AXLE	73280		
7/16/2013 13:17	7/16/2013 14:12	849757	TOMAR	36	34280	71220	36940	18.47	TRANSFER TRAILER	80000		
7/16/2013 15:02	7/16/2013 15:34	849868	KBS	45	25620	72620	47000	23.5		73280		
7/16/2013 15:38	7/16/2013 16:04	849896	KBS	42	25760	68920	43160	21.58	DUMP TRK W/3rd AXLE	73280		
7/17/2013 7:27	7/17/2013 7:47	850050	KBS	71	26060	68400	42340	21.17	DUMP TRK W/3rd AXLE	73280		
7/17/2013 7:25	7/17/2013 7:50	850047	PAYNE	501	25840	70620	44780	22.39	DUMP TRK W/3rd AXLE	73280		corrected manifet number - kas
7/17/2013 7:42	7/17/2013 8:09	850061	KBS	54	29580	68760	39180	19.59	DUMP TRK W/3rd AXLE	73280		
7/17/2013 7:44	7/17/2013 8:11	850064	KBS	65	25660	70160	44500	22.25	DUMP TRK W/3rd AXLE	73280		
7/17/2013 7:45	7/17/2013 8:13	850066	KBS	56	28040	69240	41200	20.6	DUMP TRK W/3rd AXLE	73280		
7/17/2013 9:18	7/17/2013 9:38	850120	KBS	46	24960	66480	41520	20.76	DUMP TRK W/3rd AXLE	73280		
7/17/2013 12:12	7/17/2013 12:32	850247	KBS	69	25640	67080	41440	20.72	DUMP TRK W/3rd AXLE	73280		

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
User: mfalk
Date: Oct 08 2013, 8:03:27 AM - Central Standard Time
Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
7/17/2013 12:39	7/17/2013 13:09	850281	TOMAR	36	33700	73200	39500	19.75	TRANSFER TRAILER	80000		
7/17/2013 13:05	7/17/2013 13:26	850309	KBS	66	25680	68800	43120	21.56	DUMP TRK W/3rd AXLE	73280		
7/17/2013 13:19	7/17/2013 13:42	850326	KBS	45	25740	65980	40240	20.12	DUMP TRK W/3rd AXLE	73280		
7/17/2013 13:33	7/17/2013 14:02	850342	TOMAR	36	37440	69160	31720	15.86	TRANSFER TRAILER	80000		
7/17/2013 13:53	7/17/2013 14:20	850365	KBS	59	24780	65880	41100	20.55	DUMP TRK W/3rd AXLE	73280		
7/17/2013 14:03	7/17/2013 14:29	850373	KBS	42	25800	71820	46020	23.01	DUMP TRK W/3rd AXLE	73280		
7/18/2013 7:25	7/18/2013 7:49	850615	PAYNE	501	25840	74840	49000	24.5	DUMP TRK W/3rd AXLE	73280	1560	License: 231ed34, MD, Owner: PAYNE INC, Address: 10411 HALL INDUSTRIAL DRIVE FREDERICKSBURG, VA, 22408. Phone: 4106821315.
7/18/2013 7:37	7/18/2013 8:08	850622	KBS	71	25960	69460	43500	21.75	DUMP TRK W/3rd AXLE	73280		
7/18/2013 7:41	7/18/2013 8:10	850624	KBS	73	26140	76820	50680	25.34	DUMP TRK W/3rd AXLE	73280	3540	License: AF79671, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 4106821315.
7/18/2013 7:47	7/18/2013 8:11	850629	KBS	46	24900	68860	43960	21.98	DUMP TRK W/3rd AXLE	73280		
7/18/2013 8:00	7/18/2013 8:22	850641	KBS	56	28080	68180	40100	20.05	DUMP TRK W/3rd AXLE	73280		
7/18/2013 8:02	7/18/2013 8:28	850644	KBS	54	29560	70920	41360	20.68	DUMP TRK W/3rd AXLE	73280		
7/18/2013 8:04	7/18/2013 8:29	850646	KBS	65	25680	69840	44160	22.08	DUMP TRK W/3rd AXLE	73280		
7/18/2013 10:42	7/18/2013 11:14	850793	KBS	66	25760	72860	47100	23.55	DUMP TRK W/3rd AXLE	73280		
7/18/2013 12:50	7/18/2013 13:13	850895	KBS	59	24820	66680	41860	20.93	DUMP TRK W/3rd AXLE	73280		
7/18/2013 12:48	7/18/2013 13:23	850892	TOMAR	36	38220	84700	46480	23.24	TRANSFER TRAILER	80000	4700	License: 738F59, MD, Owner: TOMAR TRUCKING, Address: 8420 WARREN DR POMFRET, MD, 20675. Phone: 1.
7/18/2013 13:38	7/18/2013 14:08	850947	TOMAR	36	34620	72480	37860	18.93	TRANSFER TRAILER	80000		
7/18/2013 14:39	7/18/2013 15:02	851012	KBS	46	24620	72420	47800	23.9	DUMP TRK W/3rd AXLE	73280		no gold copy
7/18/2013 14:42	7/18/2013 15:03	851017	KBS	42	25760	65440	39680	19.84	DUMP TRK W/3rd AXLE	73280		
7/18/2013 14:46	7/18/2013 15:09	851024	KBS	71	25720	66540	40820	20.41	DUMP TRK W/3rd AXLE	73280		
7/18/2013 14:44	7/18/2013 15:15	851020	KBS	73	25900	64080	38180	19.09	DUMP TRK W/3rd AXLE	73280		
7/18/2013 15:01	7/18/2013 15:28	851036	KBS	56	27780	70020	42240	21.12	DUMP TRK W/3rd AXLE	73280		
7/18/2013 15:03	7/18/2013 15:28	851038	KBS	54	29280	65740	36460	18.23	DUMP TRK W/3rd AXLE	73280		
7/18/2013 15:04	7/18/2013 15:31	851040	KBS	65	25440	68600	43160	21.58	DUMP TRK W/3rd AXLE	73280		
7/19/2013 8:04	7/19/2013 8:24	851242	KBS	69	25800	71620	45820	22.91	DUMP TRK W/3rd AXLE	73280		
7/19/2013 8:51	7/19/2013 9:16	851278	KBS	45	25860	68580	42720	21.36	DUMP TRK W/3rd AXLE	73280		
7/19/2013 10:16	7/19/2013 10:37	851345	KBS	73	26160	68060	41900	20.95	DUMP TRK W/3rd AXLE	73280		
7/19/2013 10:18	7/19/2013 10:39	851347	KBS	71	25880	67320	41440	20.72	DUMP TRK W/3rd AXLE	73280		
7/19/2013 10:21	7/19/2013 10:44	851352	KBS	56	27980	71180	43200	21.6	DUMP TRK W/3rd AXLE	73280		
7/19/2013 11:26	7/19/2013 11:56	851407	KBS	66	25640	72620	46980	23.49	DUMP TRK W/3rd AXLE	73280		
7/19/2013 11:26	7/19/2013 11:56	852361	KBS	66	25640	72620	46980	23.49	DUMP TRK W/3rd AXLE			REPLACEMENT TICKET FOR TICKET # 851407
7/22/2013 10:26	7/22/2013 11:19	852042	KBS	46	24860	71260	46400	23.2	DUMP TRK W/3rd AXLE	73280		
7/22/2013 11:02	7/22/2013 11:34	852062	KBS	71	25900	73220	47320	23.66	DUMP TRK W/3rd AXLE	73280		

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
User: mfalk
Date: Oct 08 2013, 8:03:27 AM - Central Standard Time
Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
7/22/2013 11:04	7/22/2013 11:35	852063	KBS	73	26120	72920	46800	23.4	DUMP TRK W/3rd AXLE	73280		
7/26/2013 7:20	7/26/2013 9:03	854237	KBS	41	26020	60380	34360	17.18	DUMP TRK W/3rd AXLE	73280		
7/26/2013 7:18	7/26/2013 9:05	854235	KBS	71	26060	68620	42560	21.28	DUMP TRK W/3rd AXLE	73280		
7/30/2013 12:21	7/30/2013 12:42	856007	KBS	69	25660	62620	36960	18.48	DUMP TRK W/3rd AXLE	73280		
7/30/2013 12:22	7/30/2013 12:57	856009	KBS	45	25980	68380	42400	21.2	DUMP TRK W/3rd AXLE	73280		
7/31/2013 8:13	7/31/2013 8:33	856447	KBS	69	25760	73040	47280	23.64	DUMP TRK W/3rd AXLE	73280		
7/31/2013 8:10	7/31/2013 8:33	856442	KBS	45	25860	61560	35700	17.85	DUMP TRK W/3rd AXLE	73280		
8/5/2013 10:52	8/5/2013 11:19	858739	KBS	69	25660	65760	40100	20.05	DUMP TRK W/3rd AXLE	73280		
8/5/2013 11:50	8/5/2013 12:19	858799	KBS	64	25680	67120	41440	20.72	DUMP TRK W/3rd AXLE	73280		
8/6/2013 7:54	8/6/2013 8:36	859208	PAYNE	372	29540	82740	53200	26.6		80000		License: pvs4894, OH, Owner: payne trucking company, Address: 1635 e 6th st ashtabula , OH, 44004. Phone: 4106821315.
8/6/2013 8:41	8/6/2013 9:07	859276	PAYNE	501	25780	68740	42960	21.48	DUMP TRK W/3rd AXLE	73280		
8/15/2013 10:48	8/15/2013 11:25	863929	KBS	67	25600	65800	40200	20.1	DUMP TRK W/3rd AXLE	73280		
8/15/2013 10:50	8/15/2013 11:27	863932	KBS	68	25680	61620	35940	17.97	DUMP TRK W/3rd AXLE	73280		
8/15/2013 11:40	8/15/2013 12:19	863994	PAYNE	372	29220	77260	48040	24.02	TRANSFER TRAILER	80000		
8/15/2013 12:39	8/15/2013 13:26	864047	PAYNE	348	29320	74940	45620	22.81	TRANSFER TRAILER	80000		
8/19/2013 12:31	8/19/2013 12:57	865424	KBS	67	25620	68260	42640	21.32	DUMP TRK W/3rd AXLE	73280		
8/19/2013 12:37	8/19/2013 13:09	865435	KBS	43	25760	61420	35660	17.83	DUMP TRK W/3rd AXLE	73280		
8/19/2013 12:40	8/19/2013 13:19	865442	KBS	71	26060	67980	41920	20.96	DUMP TRK W/3rd AXLE	73280		
8/19/2013 12:38	8/19/2013 13:36	865436	KBS	69	25720	63940	38220	19.11	DUMP TRK W/3rd AXLE	73280		
8/27/2013 10:59	8/27/2013 11:21	869163	KBS	69	25720	65680	39960	19.98	DUMP TRK W/3rd AXLE	73280		
8/27/2013 11:01	8/27/2013 11:29	869165	KBS	71	25920	65540	39620	19.81	DUMP TRK W/3rd AXLE	73280		
8/27/2013 11:06	8/27/2013 11:34	869172	KBS	66	25660	69220	43560	21.78	DUMP TRK W/3rd AXLE	73280		
8/27/2013 11:32	8/27/2013 11:56	869190	KBS	67	25520	70620	45100	22.55	DUMP TRK W/3rd AXLE	73280		
8/27/2013 11:30	8/27/2013 12:08	869188	KBS	64	25640	68200	42560	21.28	DUMP TRK W/3rd AXLE	73280		
8/27/2013 11:36	8/27/2013 12:10	869198	KBS	42	25880	68780	42900	21.45	DUMP TRK W/3rd AXLE	73280		
8/27/2013 11:49	8/27/2013 12:12	869213	KBS	73	26020	67980	41960	20.98	DUMP TRK W/3rd AXLE	73280		
8/27/2013 11:56	8/27/2013 12:19	869221	KBS	45	25880	66300	40420	20.21	DUMP TRK W/3rd AXLE	73280		
8/27/2013 13:05	8/27/2013 14:23	869296	PAYNE	372	29160	77160	48000	24	TRANSFER TRAILER	80000		
8/27/2013 13:47	8/27/2013 14:25	869337	PAYNE	323	32380	82080	49700	24.85		80000	2080	License: PVE2267, OH, Owner: PAYNE TRUCKING, Address: 1635 E 6TH ST ASHTABULA, OH, 44004. Phone: 1.
8/27/2013 14:24	8/27/2013 15:40	869384	PAYNE	377	30580	78720	48140	24.07	TRANSFER TRAILER	80000		
8/28/2013 7:14	8/28/2013 7:54	869592	PAYNE	369	28880	84860	55980	27.99	TRANSFER TRAILER	80000	4860	License: PVS4891, OH, Owner: PAYNE TRUCKING COMPANY, Address: 1635 E 6TH ST ASHTABULA, OH, 44004. Phone: 6106564012.
8/28/2013 7:25	8/28/2013 8:05	869605	TOMAR	36	36000	72320	36320	18.16	TRANSFER TRAILER	80000		
8/28/2013 7:42	8/28/2013 8:10	869623	KBS	66	25800	69780	43980	21.99	DUMP TRK W/3rd AXLE	73280		

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
User: mfalk
Date: Oct 08 2013, 8:03:27 AM - Central Standard Time
Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
8/28/2013 7:56	8/28/2013 8:24	869639	KBS	71	26000	67840	41840	20.92	DUMP TRK W/3rd AXLE	73280		
8/28/2013 8:10	8/28/2013 8:33	869657	KBS	69	25780	73780	48000	24	DUMP TRK W/3rd AXLE	73280	500	License: AG00812, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD; POBOX 7 THOMASVILLE, PA, 17364. Phone: 6106564012.
8/28/2013 8:16	8/28/2013 8:50	869662	KBS	45	26080	67060	40980	20.49	DUMP TRK W/3rd AXLE	73280		
8/28/2013 8:47	8/28/2013 9:08	869695	PAYNE	501	25860	67380	41520	20.76	DUMP TRK W/3rd AXLE	73280		
8/28/2013 14:10	8/28/2013 14:44	870025	KBS	66	25580	70960	45380	22.69	DUMP TRK W/3rd AXLE	73280		
8/28/2013 14:21	8/28/2013 14:59	870029	KBS	69	25580	62260	36680	18.34	DUMP TRK W/3rd AXLE	73280		
8/28/2013 15:25	8/28/2013 16:17	870084	PAYNE	369	28700	66780	38080	19.04	TRANSFER TRAILER	80000		
8/29/2013 8:54	8/29/2013 9:51	870282	KBS	73	26240	65780	39540	19.77	DUMP TRK W/3rd AXLE	73280		
8/29/2013 10:29	8/29/2013 11:26	870380	KBS	66	25720	71320	45600	22.8	DUMP TRK W/3rd AXLE	73280		
8/29/2013 11:30	8/29/2013 12:30	870441	KBS	69	25720	70800	45080	22.54	DUMP TRK W/3rd AXLE	73280		
8/29/2013 11:29	8/29/2013 12:31	870438	KBS	71	25920	67120	41200	20.6	DUMP TRK W/3rd AXLE	73280		
8/29/2013 11:31	8/29/2013 12:34	870444	KBS	45	25920	66060	40140	20.07	DUMP TRK W/3rd AXLE	73280		
8/29/2013 15:19	8/29/2013 16:04	870655	TOMAR	36	38040	72640	34600	17.3	TRANSFER TRAILER	80000		
8/30/2013 9:21	8/30/2013 9:50	870916	KBS	73	26180	71240	45060	22.53	DUMP TRK W/3rd AXLE	73280		
9/3/2013 10:39	9/3/2013 11:27	871847	PAYNE	369	28340	69220	40880	20.44	TRANSFER TRAILER	80000		
9/3/2013 11:17	9/3/2013 11:35	871892	KBS	69	25720	60160	34440	17.22	DUMP TRK W/3rd AXLE	73280		
9/3/2013 11:15	9/3/2013 11:37	871888	KBS	71	25920	67840	41920	20.96	DUMP TRK W/3rd AXLE	73280		
9/3/2013 11:55	9/3/2013 12:20	871942	KBS	67	25540	69640	44100	22.05	DUMP TRK W/3rd AXLE	73280		
9/3/2013 13:24	9/3/2013 13:55	872048	KBS	73	26020	68500	42480	21.24	DUMP TRK W/3rd AXLE	73280		
9/4/2013 7:44	9/4/2013 8:28	872417	PAYNE	348	29400	73680	44280	22.14	TRANSFER TRAILER	80000		
9/5/2013 7:37	9/5/2013 8:03	873020	PAYNE	501	25880	70520	44640	22.32	DUMP TRK W/3rd AXLE	73280		
9/5/2013 9:57	9/5/2013 10:22	873130	PAYNE	348	29100	78800	49700	24.85	TRANSFER TRAILER	80000		
9/5/2013 11:21	9/5/2013 11:53	873197	KBS	54	29400	66460	37060	18.53	DUMP TRK W/3rd AXLE	73280		
9/5/2013 11:23	9/5/2013 11:54	873199	KBS	56	27940	65560	37620	18.81	DUMP TRK W/3rd AXLE	73280		
9/5/2013 12:04	9/5/2013 12:28	873230	KBS	45	25920	60420	34500	17.25	DUMP TRK W/3rd AXLE	73280		
9/5/2013 12:19	9/5/2013 12:38	873241	KBS	66	25640	67940	42300	21.15	DUMP TRK W/3rd AXLE	73280		
9/5/2013 12:20	9/5/2013 12:44	873242	KBS	67	25560	62000	36440	18.22	DUMP TRK W/3rd AXLE	73280		
9/6/2013 8:01	9/6/2013 8:26	873645	KBS	54	29540	70780	41240	20.62	DUMP TRK W/3rd AXLE	73280		
9/6/2013 7:59	9/6/2013 8:27	873640	KBS	56	28200	66660	38460	19.23	DUMP TRK W/3rd AXLE	73280		
9/6/2013 9:50	9/6/2013 10:13	873729	PAYNE	348	28620	80000	51380	25.69	TRANSFER TRAILER	80000		
9/6/2013 10:54	9/6/2013 11:14	873787	KBS	69	25620	64760	39140	19.57	DUMP TRK W/3rd AXLE	73280		
9/6/2013 10:53	9/6/2013 11:15	873785	KBS	71	25820	65200	39380	19.69	DUMP TRK W/3rd AXLE	73280		
9/6/2013 14:30	9/6/2013 14:55	873997	KBS	56	27780	72900	45120	22.56	DUMP TRK W/3rd AXLE	73280		
9/6/2013 14:33	9/6/2013 14:57	873999	KBS	54	29300	64620	35320	17.66	DUMP TRK W/3rd AXLE	73280		
9/9/2013 8:37	9/9/2013 9:02	874617	PAYNE	501	25100	70520	45420	22.71	DUMP TRK W/3rd AXLE	73280		non-friable

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
User: mfalk
Date: Oct 08 2013, 8:03:27 AM - Central Standard Time
Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
9/10/2013 9:34	9/10/2013 10:00	875317	PAYNE	348	28920	82020	53100	26.55	TRANSFER TRAILER	80000	2020	License: 83453py, VA, Owner: PAYNE INC, Address: 1101 INTERNATIONAL PARKWAY SUITE 103 FREDERICKSBURG, VA, 22406. Phone: 9739037022.
9/10/2013 10:31	9/10/2013 10:49	875365	KBS	56	28000	74180	46180	23.09	DUMP TRK W/3rd AXLE	73280	900	License: af47919, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 9739037022.
9/10/2013 10:32	9/10/2013 10:53	875366	KBS	54	29540	64020	34480	17.24	DUMP TRK W/3rd AXLE	73280		
9/10/2013 10:27	9/10/2013 10:55	875362	KBS	64	25700	67400	41700	20.85	DUMP TRK W/3rd AXLE	73280		
9/10/2013 10:42	9/10/2013 11:09	875376	PAYNE	369	28540	73660	45120	22.56	TRANSFER TRAILER	80000		
9/10/2013 12:32	9/10/2013 13:02	875479	KBS	42	25820	69320	43500	21.75	DUMP TRK W/3rd AXLE	73280		
9/11/2013 7:36	9/11/2013 8:07	875840	KBS	64	25760	73260	47500	23.75	DUMP TRK W/3rd AXLE	73280	-20	
9/11/2013 7:43	9/11/2013 8:10	875848	KBS	54	29480	72080	42600	21.3	DUMP TRK W/3rd AXLE	73280		
9/11/2013 7:48	9/11/2013 8:13	875850	KBS	56	27980	68260	40280	20.14	DUMP TRK W/3rd AXLE	73280		
9/11/2013 10:36	9/11/2013 10:59	876016	KBS	69	25720	70860	45140	22.57	DUMP TRK W/3rd AXLE	73280		
9/11/2013 14:53	9/11/2013 15:33	876308	KBS	54	29220	62100	32880	16.44	DUMP TRK W/3rd AXLE	73280		
9/11/2013 14:48	9/11/2013 15:34	876299	KBS	56	27740	63180	35440	17.72	DUMP TRK W/3rd AXLE	73280		
9/11/2013 14:51	9/11/2013 15:37	876301	KBS	64	25500	72640	47140	23.57	DUMP TRK W/3rd AXLE	73280		
9/12/2013 8:01	9/12/2013 8:26	876525	PAYNE	501	25140	70020	44880	22.44	DUMP TRK W/3rd AXLE	73280		
9/12/2013 8:10	9/12/2013 8:31	876535	KBS	69	25800	71340	45540	22.77	DUMP TRK W/3rd AXLE	73280		
9/12/2013 10:27	9/12/2013 10:47	876636	KBS	56	27940	65140	37200	18.6	DUMP TRK W/3rd AXLE	73280		
9/12/2013 10:59	9/12/2013 11:31	876674	PAYNE	369	28900	77980	49080	24.54	TRANSFER TRAILER	80000		
9/12/2013 12:05	9/12/2013 12:43	876774	KBS	45	26220	66940	40720	20.36	DUMP TRK W/3rd AXLE	73280		
9/12/2013 14:35	9/12/2013 14:52	876950	KBS	69	25500	67520	42020	21.01	DUMP TRK W/3rd AXLE	73280		
9/16/2013 7:48	9/16/2013 8:15	878199	PAYNE	348	28660	72260	43600	21.8	TRANSFER TRAILER	80000		
9/16/2013 11:10	9/16/2013 11:35	878392	KBS	66	25680	66340	40660	20.33	DUMP TRK W/3rd AXLE	73280		
9/16/2013 11:18	9/16/2013 11:43	878401	KBS	73	26160	71820	45660	22.83	DUMP TRK W/3rd AXLE	73280		
9/16/2013 12:08	9/16/2013 12:26	878467	PAYNE	501	25860	70320	44460	22.23	DUMP TRK W/3rd AXLE	73280		
9/16/2013 12:13	9/16/2013 12:36	878474	KBS	71	26020	68840	42820	21.41	DUMP TRK W/3rd AXLE	73280		
9/16/2013 12:14	9/16/2013 12:39	878478	KBS	69	25740	65000	39260	19.63	DUMP TRK W/3rd AXLE	73280		
9/16/2013 12:11	9/16/2013 13:08	878471	KBS	41	26080	63500	37420	18.71	DUMP TRK W/3rd AXLE	73280		
9/16/2013 13:56	9/16/2013 15:00	878615	PAYNE	377	30840	80300	49460	24.73	TRANSFER TRAILER	80000	300	License: pvs5328, OH, Owner: payne trucking company, Address: 1635 e 6th street ashtabula, OH, 44004. Phone: 6106564012.
9/16/2013 14:27	9/16/2013 15:29	878661	PAYNE	369	29140	76680	47540	23.77	TRANSFER TRAILER	80000		
9/17/2013 7:35	9/17/2013 8:02	878944	KBS	66	25720	73160	47440	23.72	DUMP TRK W/3rd AXLE	73280		
9/17/2013 7:59	9/17/2013 8:27	878968	KBS	69	25740	70880	45140	22.57	DUMP TRK W/3rd AXLE	73280		
9/17/2013 7:58	9/17/2013 8:28	878966	KBS	71	26040	70560	44520	22.26	DUMP TRK W/3rd AXLE	73280		
9/17/2013 8:07	9/17/2013 8:44	878977	PAYNE	348	29160	73520	44360	22.18	TRANSFER TRAILER	80000		

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
User: mfalk
Date: Oct 08 2013, 8:03:27 AM - Central Standard Time
Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
9/17/2013 9:43	9/17/2013 10:06	879076	KBS	73	26180	76240	50060	25.03	DUMP TRK W/3rd AXLE	73280	2960	License: AF79671, PA, Owner: KBS INC, Address: RT 30 & KBS RD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 6106564012.
9/17/2013 10:14	9/17/2013 10:46	879110	KBS	54	29420	66120	36700	18.35	DUMP TRK W/3rd AXLE	73280		
9/17/2013 12:38	9/17/2013 13:04	879256	PAYNE	369	29060	71340	42280	21.14	TRANSFER TRAILER	80000		
9/17/2013 13:45	9/17/2013 14:05	879365	KBS	66	25440	66540	41100	20.55	DUMP TRK W/3rd AXLE	73280		
9/17/2013 14:15	9/17/2013 14:50	879412	KBS	69	25500	64960	39460	19.73	DUMP TRK W/3rd AXLE	73280		
9/17/2013 14:34	9/17/2013 15:00	879444	KBS	71	25680	66240	40560	20.28	DUMP TRK W/3rd AXLE	73280		
9/17/2013 14:20	9/17/2013 15:18	879419	PAYNE	377	30400	78260	47860	23.93	TRANSFER TRAILER	80000		
9/18/2013 8:00	9/18/2013 8:27	879722	KBS	54	29440	73920	44480	22.24	DUMP TRK W/3rd AXLE	73280	640	License: AF91222, PA, Owner: KBS INC, Address: RT 30 & KBS RD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 6106564012.
9/18/2013 7:47	9/18/2013 8:29	879703	PAYNE	348	28920	81500	52580	26.29	TRANSFER TRAILER	80000	1500	License: 83453PY, VA, Owner: PAYNE INC, Address: 1101 INTERNATINOAL PARKWAY SUITE 103 FREDERICKSBURG, VA, 22406. Phone: 6106564017.
9/18/2013 9:51	9/18/2013 10:10	879843	KBS	66	25720	65340	39620	19.81	DUMP TRK W/3rd AXLE	73280		
9/18/2013 10:31	9/18/2013 10:48	879879	KBS	71	25980	70880	44900	22.45	DUMP TRK W/3rd AXLE	73280		
9/18/2013 12:06	9/18/2013 12:24	879985	KBS	69	25720	69560	43840	21.92	DUMP TRK W/3rd AXLE	73280		
9/18/2013 14:26	9/18/2013 14:49	880123	KBS	54	29180	65700	36520	18.26	DUMP TRK W/3rd AXLE	73280		
9/19/2013 7:18	9/19/2013 7:34	880353	KBS	66	25760	72540	46780	23.39	DUMP TRK W/3rd AXLE	73280		
9/19/2013 7:14	9/19/2013 7:36	880348	PAYNE	369	29040	80340	51300	25.65	TRANSFER TRAILER	80000	340	License: PVS4891, OH, Owner: PAYNE TRUCKING COMPANY, Address: 1635 E 6TH ST ASHTABULA, OH, 44004. Phone: 6106564012.
9/19/2013 7:27	9/19/2013 7:57	880363	KBS	67	25660	73780	48120	24.06	DUMP TRK W/3rd AXLE	73280	500	License: AG15756, NJ, Owner: KBS INC, Address: RT 30 & KBS RD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 6106564017.
9/19/2013 7:54	9/19/2013 8:20	880391	PAYNE	348	28420	75160	46740	23.37	TRANSFER TRAILER	80000		
9/19/2013 8:36	9/19/2013 9:03	880451	KBS	44	26040	70280	44240	22.12	DUMP TRK W/3rd AXLE	73280		
9/19/2013 10:39	9/19/2013 10:53	880556	KBS	54	29540	67780	38240	19.12	DUMP TRK W/3rd AXLE	73280		
9/19/2013 10:37	9/19/2013 10:55	880554	KBS	56	28540	64240	35700	17.85	DUMP TRK W/3rd AXLE	73280		
9/19/2013 13:31	9/19/2013 13:53	880747	KBS	66	25480	77840	52360	26.18	DUMP TRK W/3rd AXLE	73280	4560	License: ag00809, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 6106564012.
9/19/2013 15:01	9/19/2013 15:38	880868	KBS	67	25360	70360	45000	22.5	DUMP TRK W/3rd AXLE	73280		
9/19/2013 15:46	9/19/2013 16:13	880912	PAYNE	323	32360	78320	45960	22.98	TRANSFER TRAILER	80000		
9/30/2013 10:39	9/30/2013 10:56	885697	KBS	69	25740	66180	40440	20.22	DUMP TRK W/3rd AXLE	73280		
9/30/2013 10:41	9/30/2013 11:01	885699	KBS	64	25680	60400	34720	17.36	DUMP TRK W/3rd AXLE	73280		
9/30/2013 10:43	9/30/2013 11:03	885700	PAYNE	369	28980	73800	44820	22.41	TRANSFER TRAILER	80000		
9/30/2013 11:13	9/30/2013 11:41	885731	KBS	54	29460	64280	34820	17.41	DUMP TRK W/3rd AXLE	73280		
9/30/2013 11:10	9/30/2013 11:42	885728	KBS	62	25500	64180	38680	19.34	DUMP TRK W/3rd AXLE	73280		
9/30/2013 11:47	9/30/2013 12:10	885765	PAYNE	348	29280	74660	45380	22.69	TRANSFER TRAILER	80000		

Vehicle Ticket Report
Criteria: 07/01/2013 12:00 AM to 10/08/2013 11:59 PM
Business Unit Name: Grows North Landfill - S07324 (USA)
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Profile: 473997PAE

Time In	Time Out	Ticket No.	Carrier	Vehicle ID	Tare (lb)	Gross (lb)	Net Weight	Tons	Vehicle Type	Weight Limit (lb)	Amount Overweight (lb)	Comments
9/30/2013 12:11	9/30/2013 12:37	885803	KBS	48	25020	63360	38340	19.17	DUMP TRK W/3rd AXLE	73280		
10/1/2013 7:17	10/1/2013 7:37	886199	PAYNE	501	25420	68260	42840	21.42	DUMP TRK W/3rd AXLE	73280		
10/1/2013 8:00	10/1/2013 8:21	886248	KBS	69	25780	74540	48760	24.38	DUMP TRK W/3rd AXLE	73280	1260	License: AG00812, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVILLE, PA, 17364. Phone: 6106562012.
10/1/2013 8:03	10/1/2013 8:28	886252	KBS	64	25800	70560	44760	22.38	DUMP TRK W/3rd AXLE	73280		
10/1/2013 8:20	10/1/2013 8:38	886289	KBS	54	29520	70840	41320	20.66	DUMP TRK W/3rd AXLE	73280		
10/1/2013 9:58	10/1/2013 10:14	886388	KBS	58	28000	64500	36500	18.25	DUMP TRK W/3rd AXLE	73280		
10/1/2013 14:13	10/1/2013 14:41	886718	KBS	54	29200	69260	40060	20.03	DUMP TRK W/3rd AXLE	73280		
10/2/2013 7:30	10/2/2013 7:45	886993	KBS	58	28040	70560	42520	21.26	DUMP TRK W/3rd AXLE	73280		
10/2/2013 9:56	10/2/2013 10:15	887173	KBS	54	29440	68320	38880	19.44	DUMP TRK W/3rd AXLE	73280		
10/2/2013 13:36	10/2/2013 14:08	887500	KBS	58	27760	69840	42080	21.04	DUMP TRK W/3rd AXLE	73280		
1/2/2014		928290	KBS	1001				15				
1/3/2014		928517	KBS	1001				8.34				
1/6/2014		929099	KBS	1156				9.53				
4/10/2014		960504	KBS	66				17.87				
4/10/2014		960538	KBS	48				18.97				
4/10/2014		960576	KBS	44				19.25				
4/10/2014		960580	KBS	56				18.83				
4/10/2014		960615	KBS	69				17.61				
4/10/2014		960616	KBS	41				12.97				
4/11/2014		960932	KBS	66				22.82				
4/11/2014		961009	KBS	69				21.42				
4/11/2014		961015	KBS	41				19.59				
4/11/2014		961020	KBS	56				20.31				
4/11/2014		961075	KBS	48				21.65				
4/11/2014		961272	KBS	66				21.07				
4/11/2014		961370	KBS	69				20.2				
4/11/2014		961382	KBS	56				16.34				
4/11/2014		961391	KBS	41				17.93				
4/11/2014		961455	KBS	48				18.49				
Total	**235**											
						Total Tons		5284.34				

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199495

SCALE 1

Cubic Yards

GROSS 83040 LB

06:28 AM 07/02/13

SCALE 2

GROSS 33140 LB

08:52 AM 07/02/13

49900P
22634K

8166134O — Receipt #

PT 3789L / PA — Trailer License Plate # and State

Service Req. # — Profile # — Permit # PA 242

U.S. BULK — Transporter Name

133 / 133A — Tractor/Trailer/Roll-off #

DAVE CONFER — Driver's Name

LOCKHEED MARTIN — Generator

Scheduled Arrival: Date — Time

Actual Arrival: Date — Time In 550 — Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials — Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In — Time Out — Initials — Comments

Stabilization — Time In — Time Out — Initials — Gross Wt. — Comments

Landfill — Time In — Time Out — Initials — Comments

Other — Time In — Time Out — Initials — Comments

Aqueous Treatment — Time In — Time Out — Signature (NO Initials) — Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679124 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: HS BULK, TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679
1007832-01 KM

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KM	1	DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/1/13
SR: 1007832-01 Recd 22634K 81666340
Waste ID = Soil w/PCBs 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. | Signature: [signature] | Month: 07 | Day: 01 | Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVE CONFER | Signature: [signature] | Month: 07 | Day: 01 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Partinski | Signature: Jody Partinski | Month: 7 | Day: 2 | Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679124JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134001
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366072
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199496

SCALE 2

Cubic Yards

8166341 — Receipt #
PT0719K PA — Trailer License Plate # and State
1067832-02 — Service Req. #
Profile #
PA 242 — Permit #
US BULK TRANSPORT — Transporter Name
161 161B — Tractor/Trailer/Roll-off #
TOM WHITEHILL — Driver's Name
LOCKHEED MARTIN — Generator

GROSS 81020 LB
06:31 AM 07/02/13
SCALE 2
GROSS 33380 LB
09:00 AM 07/02/13

47640P
21609K

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 551 Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679125 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LIS BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, RQ (kg)	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/01/13

read 21609K 8146134
SR 1007832-02
waste ID = soi w/PCBs 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. Signature: [signature] Month: 07 Day: 01 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL Signature: [signature] Month: 07 Day: 01 Year: 13

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski Signature: [signature] Month: 7 Day: 2 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679125JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134101
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366073
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199498 E 2

Cubic Yards

GROSS 80240 LB

06:35 AM 07/02/13
SCALE 2

GROSS 34300 LB

09:12 AM 07/02/13

45940P
20838K

8166 1343
Receipt #

Trailer License Plate # and State

Service Req. #

Profile #

Permit #

US Bulk Transport
Transporter Name

174 [illegible]
Tractor/Trailer/Roll-off #

[illegible] Jackson
Driver's Name

[illegible]
Generator

Scheduled Arrival: Date Time

Actual Arrival: Date 559 Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In Time Out Initials Comments

Stabilization
Time In Time Out Initials Gross Wt. Comments

Landfill
Time In Time Out Initials Comments

Other
Time In Time Out Initials Comments

Aqueous Treatment
Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679126 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGIII RQ KA	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/1/13
recd 20838K 81661343
SR1007832-03
waste ID= Soil W\PCBs QP 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KEN JEFFERY
Signature: [signature]
Month 07 Day 01 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RONALD JACKSON
Signature: Ronald Jackson
Month 07 Day 01 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 2 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679126JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134301
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366075
07/03/13

For questions please call our Customer Service Dept. at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199497

SCALE 1

Cubic Yards

81661342 — Receipt #

XDX 0519 — Trailer License Plate # and State

GROSS 76880 LB

Service Req. # | Profile # | Permit #

U.S. Bulk — Transporter Name

T/C 122/122A — Tractor/Trailer/Roll-off #

06:33 AM 07/02/13

Larry & Jefferson — Driver's Name

Lockheed Martin — Generator

SCALE 2

45380P
20584K

Scheduled Arrival: 7-5-13 — Date; 0600 — Time

GROSS 31500 LB

Actual Arrival: Date; 553 — Time In; Time Out

09:05 AM 07/02/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials; Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In; Time Out; Initials; Comments

Stabilization — Time In; Time Out; Initials; Gross Wt.; Comments

Landfill — Time In; Time Out; Initials; Comments

Other — Time In; Time Out; Initials; Comments

Aqueous Treatment — Time In; Time Out; Signature (NO Initials); Comments

Facility Personnel (please initial)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679127 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ)	1	DT	EST 22,050	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/01/13
recd 20584K 8166134?
SR 1007832-04
waste ID = soil w/PCBs 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffrey
Signature
Month: 07 Day: 01 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kathy K Jespersen
Signature
Month: 7 Day: 1 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 2 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679127JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134201
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366074
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199501

SCALE 1

52
Cubic Yards

GROSS 81460 LB

06:43 AM 07/02/13
SCALE 2

GROSS 34140 LB

09:20 AM 07/02/13

47320P
21464K

8166 1346
Receipt #

AB73966 N.Y.
Trailer License Plate # and State

1007823-5
Service Req. #

Profile #

PA 242
Permit #

US Bulk Tran.
Transporter Name

197-197A
Tractor/Trailer/Roll-off #

Randy Akim
Driver's Name

Lockheed Martin
Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 618 Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679128 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Site Address (if different than mailing address)

Generator's Phone: (410)682-1315

6. Transporter 1 Company Name: US BULK TRANSPORT INC.
U.S. EPA ID Number: MAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KG	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/01/13

recd 21464K 81661346
SR1007823-5
WasteID= soil w/PCBs 98 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: WENDELL A JEFFERY JR.
Signature:
Month: 07 Day: 01 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Randy Akin
Signature:
Month: 07 Day: 01 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 2 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679128JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134601
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366078
07/03/13

For questions please call our Customer Service Dept. at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199503

SCALE 1

Cubic Yards

8166 1348

GROSS 01960 LB

010679129 — Receipt #

1790088 ME — Trailer License Plate # and State

1007823-6 — Service Req. #

Profile #

PA242 — Permit #

06:47 AM 07/02/13

US Bulk Transport Inc. — Transporter Name

174-3/174-C — Tractor/Trailer/Roll-off #

SCALE 2

JEFF HALL — Driver's Name

Lockheed Martin (Middle River) — Generator

49700P
22544K

Scheduled Arrival: _____ Date _____ Time

GROSS 32260 LB

Actual Arrival: _____ Date _____ Time In 620 _____ Time Out

09:28 AM 07/02/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 773-903-7022
4. Manifest Tracking Number: 010679129 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ) KA	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/01/13
recd 22544K 81661348
SR1007823-6
waste ID = soil w/PCBs QP 7/2/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY, JR
Signature: [signature]
Month 07 Day 01 Year 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JEFFREY HALL
Signature: [signature]
Month 7 Day 1 Year 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: [signature]
Month 7 Day 2 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679129JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134801
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366080
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199502

Cubic Yards

GROSS 79000 LB
06:46 AM 07/02/13
SCALE 2
GROSS 31560 LB
09:22 AM 07/02/13

47440P
21519K

8166 1347 — Receipt #
159004B MI — Trailer License Plate # and State
1007823-7 — Service Req. #
Profile #
PA 242 — Permit #
US Bulk — Transporter Name
176-176A — Tractor/Trailer/Roll-off #
Scott E Green — Driver's Name
Lockheed Martin — Generator

Scheduled Arrival: 7-2-13 (Date) 6:30 (Time)

Actual Arrival: 7-2-13 (Date) 6:19 (Time In) _____ (Time Out)

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679130 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: 4S BULK TRANSPORT, Inc.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids, 9, PGIII RQ KAJ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/01/13

recd 21519K SR1007823-7 81661347
waste ID = soil w/PCBs JP 7/2/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A JEFFERY, JR
Signature: [signature]
Month 07 Day 01 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott E Green
Signature: Scott E Green
Month 07 Day 01 Year 13

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 2 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/02/13 as described on Shipping Document number 010679130JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166134701
CWM Unit #: 1*0
Disposal Date: 07/02/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366079
07/03/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199524

SCALE 2

Cubic Yards

8166367
Receipt #

Trailer License Plate # and State

GROSS 85120 LB

Service Req. #

Profile #

Permit #

06:46 AM 07/03/13
SCALE 2

Transporter Name

Tractor/Trailer/Roll-off #

Driver's Name

Generator

5160UP
23406k

Scheduled Arrival: Date Time

GROSS 33520 LB

Actual Arrival: Date Time In 634 Time Out

08:22 AM 07/03/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679131 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT INC
U.S. EPA ID Number: PAD987347575

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ KMJ		DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13
recd 23406K
SR1007882-01
waste ID = soil w/PCBs OK 7/3/13
81661367

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

GENERATOR

Generator's/Offeror's Printed/Typed Name: KENNETH J. JEFFREY JR
Signature
Month: 07 Day: 02 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Edward Hicks
Signature
Month: 07 Day: 02 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Partinski
Signature: Jody Partinski
Month: 7 Day: 3 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679131JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166136701
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366150
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199530

50
Cubic Yards

SCALE 1

GROSS 75660 LB

07:30 AM 07/03/13

SCALE 2

GROSS 31400 LB

08:41 AM 07/03/13

44260P
20076K

8166137 5 — Receipt #
PT2530 V-Pa — Trailer License Plate # and State
1002832-2 — Service Req. #
304301 — Profile #
NYPA263 — Permit #
Horwith — Transporter Name
403/138 — Tractor/Trailer/Roll-off #
Pete Wittmann — Driver's Name
Lockwood Martin — Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 716 Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679132 JJK

GENERATOR

5. Generator's Name and Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Horwith Trucks Inc
U.S. EPA ID Number: PAD 146714878

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ) KDJ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 07/02/13
Recd 20076K 8/16/13
SR 1007832-02
waste ID = soil w/PCBs GP 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery, VP
Signature:
Month: 07 Day: 02 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Peter Wittmann
Signature:
Month: 07 Day: 02 Year: 13
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 3 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679132JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137501
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366157
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199526

Cubic Yards

SCALE 1

81661369 — Receipt #
XBM6049 PA — Trailer License Plate # and State

Service Req. # — Profile # — PA242 Permit #

USBULK TRANSPORT INC — Transporter Name
317/317A — Tractor/Trailer/Roll-off #

LARRY L BLOOD JR — Driver's Name
LOCKHEED MARTIN CORP — Generator

GROSS 81400 LB

SCALE 2 AM 07/03/13

GROSS 33740 LB

08:35 AM 07/03/13

47660P
21618K

Scheduled Arrival: Date — Time

Actual Arrival: Date — 6:43 Time In — Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials — Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In — Time Out — Initials — Comments

Stabilization — Time In — Time Out — Initials — Gross Wt. — Comments

Landfill — Time In — Time Out — Initials — Comments

Other — Time In — Time Out — Initials — Comments

Aqueous Treatment — Time In — Time Out — Signature (NO Initials) — Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	973-903-7022	010679133 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT INC. — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ	1	DT	EST. 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13

reed 21618K 8166369
SR1007832-03
waste ID = soil w/ PCBs 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JARKER JR — Signature: [signature] — Month 7 Day 2 Year 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LARRY L BLOOD JR — Signature: [signature] — Month 07 Day 02 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: [signature] — Month 7 Day 3 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679133JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166136901
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366152
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199527

Cubic Yards

SCALE 2

8166 1370 — Receipt #
XHD1784PA — Trailer License Plate # and State

GROSS 85860 LB

1007832-4 — Service Req. #
NY304301 — Profile #
PA242 — Permit #

U.S. Bulk — Transporter Name
311-2/311-2A — Tractor/Trailer/Roll-off #

06:56 AM 07/03/13

Guy H Foltz — Driver's Name
Lockheed — Generator

SCALE 2

50760P
23025K

Scheduled Arrival: _____ Date _____ Time

GROSS 35100 LB

Actual Arrival: _____ Date 6:44 Time In _____ Time Out

08:3 AM 07/03/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials AC _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	973-903-7022	010679134 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Site Address (if different than mailing address)

Generator's Phone: (410)682-1315

6. Transporter 1 Company Name: U.S. Bulk Transport Inc. — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550 — NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KA	1	DT	ESP 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13

reed 23025K
SR1007832-4

8166B70

waste ID = soil w/PCBs 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery, Jr. — Signature — Month 7 Day 2 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Guy H. Fultz — Signature — Month 7 Day 2 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Partinski — Signature — Month 7 Day 3 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679134JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137001
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366153
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199528

Cubic Yards

SCALE 1

8166371 — Receipt #
XBK2195PA — Trailer License Plate # and State

GROSS 82660 LB

1007832-5 — Service Req. #
Profile #
Permit #

USBulk Transport Inc — Transporter Name
311-5311-4A — Tractor/Trailer/Roll-off #

SCALE AM 07/03/13

Scott Goodenow — Driver's Name
Lockheed Martin Corp — Generator

GROSS 34820 LB

47840P
21700K

Scheduled Arrival: Date Time

Actual Arrival: Date Time In 652 Time Out

08:49 AM 07/03/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 773-903-7022
4. Manifest Tracking Number: 010679135 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US Bulk Transport INC
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII, RQ (kg)	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/2/13

recd 21700K 8166137 1
SR1007832 - 5
waste ID = soil w/PCBs JP 7/3/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery Jr
Signature: [signature]
Month 7 Day 2 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott A Goodenow
Signature: [signature]
Month 7 Day 2 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 3 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/03/13 as described on Shipping Document number 010679135JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137101
CWM Unit #: 1*0
Disposal Date: 07/03/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366154
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199533 SCALE 1

Cubic Yards

81661378
Receipt #

XDX6519
Trailer License Plate # and State

GROSS 80060 LB

Service Req. #

Profile #

Permit #

06:06 AM 07/05/13
SCALE 2

U.S. Bulk
Transporter Name

122 100A
Tractor/Trailer/Roll-off #

Driver's Name

Lockheed Martin
Generator

GROSS 31260 LB

48800P
22136K

Scheduled Arrival: Date Time

Actual Arrival: Date Time In 535 Time Out

07:47 AM 07/05/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In Time Out Initials Comments

Stabilization
Time In Time Out Initials Gross Wt. Comments

Landfill
Time In Time Out Initials Comments

Other
Time In Time Out Initials Comments

Aqueous Treatment
Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679136 JJK

5. Generator's Name and Mailing Address
Michael Musheno
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: * U.S. Bulk Transport
U.S. EPA ID Number: * PAD 987 347 515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII RQ	1	DT	~~EST~~ 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/3/13
recd 22136k
SR1007832-01
81661378
waste ID = soil w/PCBs JP 7/5/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: * Michael Musheno
Signature: * Michael Musheno
Month 7 Day 3 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: * Lanny K Jespersen
Signature: * Lanny K Jespersen
Month 7 Day 3 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature:
Month 7 Day 5 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/05/13 as described on Shipping Document number 010679136JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137801
CWM Unit #: 1*0
Disposal Date: 07/05/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366158
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199535

Cubic Yards

SCALE 1

8166380
Receipt #

PT3789L / PA
Trailer License Plate # and State

GROSS 80660 LB

Service Req. # | Profile # | PA 242
Permit #

US BULK
Transporter Name

133 / 133A
Tractor/Trailer/Roll-off #

DG&D AM 07/05/13
SCALE 2

DAVE CONFER
Driver's Name

LOCKHEED MARTIN
Generator

47760P
21664K

GROSS 32900 LB

Scheduled Arrival: Date | Time

Actual Arrival: Date | Time In 335 | Time Out

07:49 AM 07/05/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify)

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679137 JJK

GENERATOR

5. Generator's Name and Mailing Address:
Michael Mushenо
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: * US BULK TRANSPORT INC
U.S. EPA ID Number: *PAD 987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ M21	1	DT	~~EST~~ 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/3/13
recd 21664K 8166380
SR1007832-02
Waste ID = soil w/PCBs 7/5/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: * Michael Mushenо
Signature: * Michael Mushenо
Month: * 7 Day: 3 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: * DAVE CONFER
Signature: * D C
Month: * 07 Day: 03 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 5 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/05/13 as described on Shipping Document number 010679137JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166138001
CWM Unit #: 1*0
Disposal Date: 07/05/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366160
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199534

SCALE 2

Cubic Yards

81661379	PT0719K PA
Receipt #	Trailer License Plate # and State
1007832-02	PA242
Service Req. # / Profile #	Permit #
US BULK TRANSPORT	161 161R
Transporter Name	Tractor/Trailer/Roll-off #
TOM WHITEHILL	LOCKHEED MARTIN
Driver's Name	Generator

GROSS 86620 LB

06:08 AM 07/05/13
SCALE 2

GROSS 33180 LB

07:43 AM 07/05/13

53440P
24240L

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date _____ Time In 536 _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679138 JJK

5. Generator's Name and Mailing Address
Michael Musheno
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: *US BULK TRANSPORT INC
U.S. EPA ID Number: *PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls. solids,9, PGII ~~PG~~ (MM)	1	DT	~~EST~~ 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/3/13
recd 24240K 81661379
~~SE~~ 1007832-02
Waste ID = soil w/PCBs JP 7/5/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: * Michael Musheno
Signature: * Michael Musheno *
Month 7 Day 3 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: *THOMAS J WHITEHILL
Signature: * Thomas J Whitehill *
Month 7 Day 3 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Qty est actual recd 24240K
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 5 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: ENVIRONMENTAL COMPLIANCE
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/05/13 as described on Shipping Document number 010679138JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166137901
CWM Unit #: 1*0
Disposal Date: 07/05/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366159
07/08/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199551

_____ Cubic Yards

81661395 — Receipt #

PT3789L / PA — Trailer License Plate # and State

GROSS 82580 LB
SCALE 2
06:05 AM 07/10/13
GROSS 32500 LB
07:17 AM 07/10/13

50060P
22707K

_____ Service Req. # | _____ Profile # | PA242 Permit #

US BULK — Transporter Name

133/133A — Tractor/Trailer/Roll-off #

DAVE CONFER — Driver's Name

LOCKHEED MARTIN — Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 5:50am Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In	Time Out	Initials	Comments

Stabilization

Time In	Time Out	Initials	Gross Wt.	Comments

Landfill

Time In	Time Out	Initials	Comments

Other

Time In	Time Out	Initials	Comments

Aqueous Treatment

Time In	Time Out	Signature (NO Initials)	Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify) _____

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or deterpin

_____ Overweight upon arrival

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679139 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: L.B. BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) KAJ	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/9/13
recd 22707K 81661395
SR 1007832-01
waste ID = Soil w/PCBs @ 7/10/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR.
Signature: Kenneth A. Jeffery Jr.
Month: 07 Day: 09 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVE CONFER
Signature: D—
Month: 7 Day: 9 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 10 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/10/13 as described on Shipping Document number 010679139JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166139501
CWM Unit #: 1*0
Disposal Date: 07/10/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366181
07/11/13

For questions please call our Customer Service Dept. at (800) 843-3604

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

199552

_____ *Cubic Yards*

8166396 — *Receipt #*
PT0719K PA — *Trailer License Plate # and State*
GROSS 84680 LB
1007832-02 — *Service Req. #*
_____ *Profile #*
PA 343 — *Permit #*
06:07 AM 07/10/13
US BULK — *Transporter Name*
161 161B — *Tractor/Trailer/Roll-off #*
SCALE 2
52000P
23587K
TOM WHITEHEAD — *Driver's Name*
LOCKHEED MARTIN — *Generator*

Scheduled Arrival: _____ *Date* _____ *Time*

Actual Arrival: _____ *Date* 458 *Time In* _____ *Time Out*
GROSS 32680 LB
07:19 AM 07/10/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ *Initials* _____ *Comments*

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Stabilization _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Gross Wt.* _____ *Comments*

Landfill _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Other _____ *Time In* _____ *Time Out* _____ *Initials* _____ *Comments*

Aqueous Treatment _____ *Time In* _____ *Time Out* _____ *Signature (NO Initials)* _____ *Comments*

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679140 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII RQ (Kg)	1	DT	EST. 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/9/13
recd 23587 K
SR1007832-02
Waste ID = Soil w/PCBs 07/10/13
81661396

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. Signature: [signature] Month 07 Day 09 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL Signature: [signature] Month 07 Day 09 Year 13
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number
18b. Alternate Facility (or Generator)
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski Signature: Jody Partinski Month 7 Day 10 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/10/13 as described on Shipping Document number 010679140JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166139601
CWM Unit #: 1*0
Disposal Date: 07/10/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366182
07/11/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199561

Cubic Yards

SCALE 2

81661404

Receipt # | Trailer License Plate # and State

GROSS 79440 LB

Service Req. # | Profile # | Permit #

Transporter Name | Tractor/Trailer/Roll-off #

06:10 AM 07/11/13
SCALE 2

Driver's Name | Generator

45940P
20838K

Scheduled Arrival: Date | Time

GROSS 33500 LB

Actual Arrival: Date | Time In 542 | Time Out

07:4[illegible] AM 07/11/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory: Time In | Time Out | Initials | Comments

Stabilization: Time In | Time Out | Initials | Gross Wt. | Comments

Landfill: Time In | Time Out | Initials | Comments

Other: Time In | Time Out | Initials | Comments

Aqueous Treatment: Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679141 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSP. INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, (RQ) kg	1	DT	EST. 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/10/13
need 20838 K
SR1007832-01
81661404
waste ID = soil w/PCBs 7/11/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A JEFFERY, JR.
Signature: Kenneth A. Jeffery Jr
Month: 07 Day: 10 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Edward Hicks
Signature: Edward Hicks
Month: 07 Day: 10 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 11 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/11/13 as described on Shipping Document number 010679141JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166140401
CWM Unit #: 1*0
Disposal Date: 07/11/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366193
07/12/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199559

Cubic Yards

SCALE 1

GROSS 83300 LB

86:07 AM 07/11/13

GROSS 35840 LB

07:36 AM 07/11/13

47460P
21528K

8166140S
Receipt #

237708 NY
Trailer License Plate # and State

Service Req. #

Profile #

PAA42
Permit #

US Bulk Transport
Transporter Name

343342A
Tractor/Trailer/Roll-off #

Driver's Name

Generator

Scheduled Arrival: Date Time

Actual Arrival: Date 520 Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In Time Out Initials Comments

Stabilization
Time In Time Out Initials Gross Wt. Comments

Landfill
Time In Time Out Initials Comments

Other
Time In Time Out Initials Comments

Aqueous Treatment
Time In Time Out Signature (NO Initials) Comments

Facility Personnel (*please initial*)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or detarpin

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679142 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD981347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII, RQ	1	DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCMY304301 WID: 53052
OUT OF SERVICE DATE 7/10/13
recd 21528 K 81661403
Waste ID = 501 W PCBs 98 7/11/13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY, JR
Signature:
Month: 07 Day: 10 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID TIOMBACK
Signature:
Month: 07 Day: 10 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month: 7 Day: 10 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/11/13 as described on Shipping Document number 010679142JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166140301
CWM Unit #: 1*0
Disposal Date: 07/11/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366192
07/12/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199562

SCALE 2

Cubic Yards

8166140 6 — Receipt #

PT 3567 P PA — Trailer License Plate # and State

GROSS 83200 LB

Service Req. # — Profile # — PA 242 Permit #

06:19 AM 07/11/13

US Bulk Transport Inc — Transporter Name

130 130A — Tractor/Trailer/Roll-off #

SCALE 2

Charlie Wertz — Driver's Name

Lockheed Martin Corp. — Generator

500 40P
22698K

Scheduled Arrival: 7/11/13 (Date) 6:00 (Time)

GROSS 33160 LB

Actual Arrival: Date — 546 Time In — Time Out

07:51 AM 07/11/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials — Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In — Time Out — Initials — Comments

Stabilization — Time In — Time Out — Initials — Gross Wt. — Comments

Landfill — Time In — Time Out — Initials — Comments

Other — Time In — Time Out — Initials — Comments

Aqueous Treatment — Time In — Time Out — Signature (NO Initials) — Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	773-903-7022	010679143 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: HS BULK TRANSPORT, INC — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107

Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	UN3432, Polychlorinated biphenyls, solids, 9, PGIII, RQ	1	DT	EST: 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7/10/13

recd 22698K
SR1007832-03
Waste ID = Soil w/PCBs 9P7/11/13

JK130 8166140
JL130A

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. — Signature — Month 7 Day 10 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Charles Wentz — Signature — Month 7 Day 10 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature — Month 7 Day 11 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/11/13 as described on Shipping Document number 010679143JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166140601
CWM Unit #: 1*0
Disposal Date: 07/11/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366195
07/12/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199587

Cubic Yards

SCALE 2

8/6 614/32 — Receipt #
PT 3789L / PA — Trailer License Plate # and State
GROSS 79920 LB

Service Req. # — Profile # — PA 242 — Permit #

US BULK — Transporter Name
133/133A — Tractor/Trailer/Roll-off #
06:24 AM 07/12/13
SCALE 2

DAVE CONEGER — Driver's Name
LOCKHEED MARTIN — Generator

47280P
21446K

Scheduled Arrival: _____ Date _____ Time

GROSS 32640 LB

Actual Arrival: _____ Date 538 Time In _____ Time Out

08:20 AM 07/12/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-2022
4. Manifest Tracking Number: 010679144 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ) KM	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-11-13
recd 21446K 8166182
SR1007832-01
waste ID = soil w/PCBs QR 7/12/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR. Signature: [signature] Month: 7 Day: 11 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVE CONFER Signature: [signature] Month: 7 Day: 11 Year: 13
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski Signature: Jody Partinski Month: 7 Day: 12 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/12/13 as described on Shipping Document number 010679144JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166143201
CWM Unit #: 1*0
Disposal Date: 07/12/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366218
07/15/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199586

Cubic Yards

SCALE 1

GROSS 81240 LB

06:26 AM 07/12/13

SCALE 2

GROSS 32820 LB

08:17 AM 07/12/13

48420P
21963K

8166 1433	PT0719K PA
Receipt #	Trailer License Plate # and State
1007832-02	PA242
Service Req. # / Profile #	Permit #
US BULK	161 161B
Transporter Name	Tractor/Trailer/Roll-off #
TOM WHITEHILL	LOCKHEED MARTIN
Driver's Name	Generator

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 537 Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679145 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII (RQ)	1	DT	EST 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-11-13
recd 21963K 81661433
SR1007832-02
Waste ID = soil w/PCBs 9P 7/12/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR
Signature:
Month: 07 Day: 11 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL
Signature:
Month: 07 Day: 11 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature:
Month: 7 Day: 12 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/12/13 as described on Shipping Document number 010679145JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166143301
CWM Unit #: 1*0
Disposal Date: 07/12/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366219
07/15/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 454664

BILL TO CUSTOMER	CASH	COD	CHARGE
SHIPPER NUMBERS	CONSIGNEE NUMBERS 847295		
PICK UP LOCATION AWPTS Transportation Middle River MD	DELIVERY LOCATION Waste Management Grows Landfill Morrisville PA		

WAITING TIME LOADING			WAITING TIME UNLOADING		
TIME IN	TIME OUT	DATE	TIME IN	TIME OUT	DATE
8:00 am	11:30 am	7-10-13	2:00 pm	3:45 pm	7-10-13

DELAY TIME SIGNATURE [signature] | DELAY TIME SIGNATURE

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
0264409	

COMMENTS Waiting for other trucks to load

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	
TARE		T	
NET		N	

COMMODITY Non Haz Dirt

TRACTOR NO. 41 | TRLR NO. —

DRIVER Kevin Johns

QUAN.	DESCRIPTION	RATE	AMOUNT
		waiting time	
	DELIVERY CHARGE	3 1/2 hrs - 1 hr free	
	SUB TOTAL	2 1/2 hrs	
	SALES TAX		
	TOTAL		

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED _____

FIRM _____

BY _____

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847295

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/10/2013	Vehicle#	41 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	111.06	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009001	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/10/2013 14:14	NORTH LAB INB	RB lic75936
Out 07/10/2013 15:42	NORTH 3 OUTBO	AJ Lic 015313

Operation Type-Inbound

Inbound	Gross	57880 lb
	Tare	25880 lb
	Net	32000 lb
	Tons	16.00

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	16.00	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: 92 JL 41

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009001

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____ (Print or Type)

Pick-up Address 2323 Eastern BLVD (No.) (Street) Baltimore (City) MD (State) 21220

Telephone Number: (410) 682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz, NON Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: _____ Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS

ADDRESS: P.O. Box 7 Thomasville PA 17364

Pick-up Date: 7-10-13 Truck No. 41 Vehicle Lic. No. AT 65899 PA

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Kevin Johns

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MDR000524413	1	973-903-7022	

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: KBS INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22 T.		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330 AWMS TRANS

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A JEFFERY JR — Signature — Month: 7 Day: 10 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Johns Awms Trans — Signature — #41 — Month: 7 Day: 10 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 455871

BILL TO CUSTOMER	CASH	COD	CHARGE
SHIPPER NUMBERS	CONSIGNEE NUMBERS 847305		
PICK UP LOCATION American Wastes / Lockheed Martin Middle River Md	DELIVERY LOCATION W. Management / Grows Landfill Morrisville Pa		
WAITING TIME LOADING	WAITING TIME UNLOADING		
8:20 AM (TIME IN) 11:30 AM (TIME OUT) 7-10-13 (DATE)	200 PM (TIME IN) 345 (TIME OUT) 7-10-13 (DATE)		
DELAY TIME SIGNATURE [signature]	DELAY TIME SIGNATURE		

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
257308	

COMMENTS

COMMODITY N-H-Dirt

TRACTOR NO. 44 TRLR NO.

DRIVER David Thompson #

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED

FIRM

BY

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	55800
TARE		T	25740
NET		N	30060

QUAN.	DESCRIPTION	RATE	AMOUNT
		waiting time	
DELIVERY CHARGE		3hrs - 1hr	
SUB TOTAL		2hr	
SALES TAX			
TOTAL			

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847305

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/10/2013	Vehicle#	44 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	126.09	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009002	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/10/2013 14:21	NORTH LAB INB RD lic75936	
Out 07/10/2013 15:43	NORTH 3 OUTBO AJ Lic 015313	

Operation Type-Inbound

Inbound	Gross	55800 lb
	Tare	25740 lb
	Net	30060 lb
	Tons	15.03

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	15.03	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Daryl Thompson 44

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009002

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (City) MD (State) 21220 (Print or Type)

Telephone Number: (410) 682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz, non Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-10-13 Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WHO 191

COMPANY NAME: KBS Inc.

ADDRESS: Thomasville Pa. 17364

Pick-up Date: 7-10-13 Truck No. 44 Vehicle Lic. No. MD E45959D

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: DAVID Thompson 4/4

Signature of authorized agent: David Thompson 4/4

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: KBS, INC 44 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330

AWMS TRAVS

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. — Signature — Month: 7 Day: 10 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID THOMPSON #44 — Signature: David Thompson #44 — Month: 7 Day: 10 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 456208

BILL TO CUSTOMER: American Waste / Lockheed Martin

CASH | COD | CHARGE

SHIPPER NUMBERS:

CONSIGNEE NUMBERS: 847312

PICK UP LOCATION: Lockheed Martin, Middle River, MD

DELIVERY LOCATION: Waste Management, Crows Landfill, Morrisville PA

WAITING TIME LOADING: 7:20

TIME IN	TIME OUT	DATE
~~6:45 AM~~	11:00 AM	7-10-13

WAITING TIME UNLOADING

TIME IN	TIME OUT	DATE
2:00 pm	3:45	7-10-13

DELAY TIME SIGNATURE: [signature]

DELAY TIME SIGNATURE: Gate 3 Refusal to Sign

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
264407	53052

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	64060
TARE		T	26100
NET	EST. 22 ton	N	37960

COMMENTS: Ken (Tetra Tech) 302-521-4907

COMMODITY: Non Haz Dirt

TRACTOR NO.: 73

TRLR NO.:

DRIVER: T. Freyman

QUAN.	DESCRIPTION	RATE	AMOUNT
21 thmin		waiting time	
	DELIVERY CHARGE	3 3/4 hrs - 1 hr free	
	SUB TOTAL	2 3/4 hrs	
	SALES TAX		
	TOTAL		

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED

FIRM

BY

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847312

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/10/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	73.58	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009003	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/10/2013 14:28	NORTH LAB INB	AK LIC#73712
Out 07/10/2013 15:39	NORTH 3 OUTBO	AJ Lic 015313

Operation Type-Inbound

Inbound	Gross	64060 lb
	Tare	26100 lb
	Net	37960 lb
	Tons	18.98

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.98	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009003

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 Easton BLVD (No.) (Street) Baltimore (City) MD (State) 21226 (Print or Type)

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz. non Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-10-13 Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. ~~WH0191~~

COMPANY NAME: KBS Inc

ADDRESS: PO Box 7 Thomasville, PA 17364

Pick-up Date: 7-10-13 Truck No. 73 Vehicle Lic. No. ~~E475821~~

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Jim Eggyman Driver

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7-10-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: KBS, INC — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22 T.		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330 AWMS TRANS

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A JEFFERY, JR — Signature — Month: 7 Day: 10 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Freymen — Signature — Month: 7 Day: 10 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 456212

BILL TO CUSTOMER ~~American~~	CASH	COD	CHARGE
SHIPPER NUMBERS	CONSIGNEE NUMBERS 847314		
PICK UP LOCATION AWMS Transportation Lockeed Martin Middle River, MD	DELIVERY LOCATION W. Management / Grows landfill Morrisville, PA		

WAITING TIME LOADING			WAITING TIME UNLOADING		
7:40 AM (TIME IN)	11:15 AM (TIME OUT)	7-10 (DATE)	(TIME IN)	(TIME OUT)	(DATE)

DELAY TIME SIGNATURE _____ DELAY TIME SIGNATURE _____

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
26 4408	

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	53540
TARE		T	26040
NET		N	27500

COMMENTS

COMMODITY

TRACTOR NO. 71 | TRLR NO.

DRIVER Paul Martin

QUAN.	DESCRIPTION	RATE	AMOUNT
		Waiting time 3.5 hrs = 1 hr free	
	DELIVERY CHARGE	2.5 hrs	
	SUB TOTAL		
	SALES TAX		
	TOTAL		

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED _____

FIRM _____

BY _____

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847314

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 07/10/2013
Pay Type Credit Account Chk#
Billing # 0004645
Acct Tons 32.64
Man Tk#
PO

Vehicle# 71 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 009004
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/10/2013 14:32	NORTH LAB INB AK	LIC#73712
Out 07/10/2013 14:50	NORTH 4 OUTBO JB3	Lic 066877

Operation Type-Inbound

Inbound	Gross	53540 lb
	Tare	26040 lb
	Net	27500 lb
	Tons	13.75

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	13.75	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009004

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 (No.) Euston (Street) BLVD Baltimore (City) MD (State) 21226 (Print or Type)

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz Non Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-10-13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS

ADDRESS: PO Box 7 Thomasville, PA 17364

Pick-up Date: 7.10.13 Truck No. 71 Vehicle Lic. No. AFG5900

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Paul Martin Driver

Signature of authorized agent: Paul Martin

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7-10-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MDR000524413	1	973-903-7022	

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: KBS, INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T.		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330 AWMS TRANS

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY JR — Signature — Month: 7 Day: 10 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Paul Martin AWMS Trans — Signature — Month: 7 Day: 10 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847323

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/10/2013		Vehicle#	37	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004645		License#		
Acct Tons	54.60		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009005	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	78680 lb
In	07/10/2013 14:45	NORTH LAB INB AK LIC#73712		Tare	34760 lb
Out	07/10/2013 15:34	NORTH 4 OUTBO JB3 Lic 066877		Net	43920 lb
				Tons	21.96

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.96	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster:

VOID - CUSTOMER DO NOT ACCEPT

Driver

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009005

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 Fusion BLVD (No.) (Street) Baltimore (City) MD (State) 21220 (Print or Type)

Telephone Number: 410-662-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz/Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 4739997 DAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-10-13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: TTT

ADDRESS: 8420 WARREN PORTAGE MD 150F 33

Pick-up Date: 7/10/13 Truck No. 37 Vehicle Lic. No. [redacted] MD

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: CHRIS MURRAY

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7-10-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: TTI — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997FAE WID: 51330

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR — Signature — Month: 7 Day: 10 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Christopher P Murray — Signature — Month: 7 Day: 10 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847329

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/10/2013	Vehicle#	36
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	95.06	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009006	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	78700 lb
In 07/10/2013 14:50	NORTH LAB INB	AK LIC#73712		Tare	35740 lb
Out 07/10/2013 15:40	NORTH 4 OUTBO	JB3 Lic 066877		Net	42960 lb
				Tons	21.48

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.48	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 - Technical Service Center

Document Refer No. 11009006

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (Print or Type) (City) MD (State) 21220

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz/Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-10-13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: TTI

ADDRESS: 8420 Water dr Frederick md

Pick-up Date: 7/10/13 Truck No. T-36 Vehicle Lic. No. 738F59

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Brandon Dorsey

Signature of authorized agent: Brandon Dorsey

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7-10-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: TTI — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR — Signature — Month: 7 Day: 10 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brandon Dorsey — Signature — Month: 07 Day: 10 Year: 2013

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847364

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/10/2013	Vehicle#	5
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	150.36	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009007	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/10/2013 15:53	NORTH LAB INB RB	lic75936
Out 07/10/2013 16:28	NORTH-4 OUTBO JB3	Lic 066877

Operation Type-Inbound

Inbound	Gross	83880 lb
	Tare	35340 lb
	Net	48540 lb
	Tons	24.27

Comments License: 650F33, MD, Owner: TOMAR TRUCKING INC, Address: 8420 WARREN DR POMFRET, M

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.27	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____

VOID - CUSTOMER DID NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009007

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 (No.) Easton BLVD (Street) Baltimore (City) MD (State) 21220 (Print or Type)

Telephone Number: 410-662-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz/Dct Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: _____ Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: TTI

ADDRESS: 8420 WARREN PARKWAY FRT MD

Pick-up Date: 7/10/13 Truck No. 37 Vehicle Lic. No. 650F33

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: CHRIS MURRAY

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MDR000524413	1	973-903-7022	

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Site Address (if different than mailing address)

Generator's Phone: (410)682-1315

6. Transporter 1 Company Name: TOMAR INC — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067

Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22 TONS		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A JEFFERY, JR — Signature — Month 7 Day 10 Year 13

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Raymond Roy Washington — Signature — Month 7 Day 10 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847523

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	07/11/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	19.98	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009008	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/11/2013 07:57	NORTH LAB INB	RB lic75936
Out 07/11/2013 08:21	NORTH 4 OUTBD	SK Lic 056734

Operation Type-Inbound

Inbound	Gross	65360 lb
	Tare	25400 lb
	Net	39960 lb
	Tons	19.98

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.98	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009008

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2325 (No.) Lakeside Blvd (Street) Baltimore (City) MD (State) 21220 (Print or Type)

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz/Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473497PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: _____ Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Payne

ADDRESS: 10411 Hall Industrial Rd Fredericksburg VA

Pick-up Date: 10 July 13 Truck No. 501 Vehicle Lic. No. 231 ED 34

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Jim Sendel Driver

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: PAYNE, INC. — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997FAE WID: 51330

ANMS TRANS

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY, JR — Signature — Month: 7 Day: 10 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Scandal AWMS — Signature — Month: 7 Day: 10 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847770

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/11/2013	Vehicle#	36 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	17.66	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009009	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	70940 lb
In 07/11/2013 13:00	NORTH LAB INB RB	lic75936		Tare	35620 lb
Out 07/11/2013 13:38	NORTH 4 OUTBO JB3	Lic 066877		Net	35320 lb
				Tons	17.66

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.66	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009009

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockeed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (Print or Type) MD (City) 21220 (State)

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste Non RCRA Haz/Dot Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473497 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/11/13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: TTI

ADDRESS: 8420 Warren st Pomfret md

Pick-up Date: 7/11/13 Truck No. T-36 Vehicle Lic. No. 738F59

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Brandon Dorsey

Signature of authorized agent: Brandon Dorsey

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220

Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: TTI — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067

Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY JR — Signature — Month 07 Day 11 Year 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brandon Dorsey — Signature — Month 7 Day 11 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

WASTE MANAGEMENT

BROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847784

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/11/2013	Vehicle#	37
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	33.40	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009010	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/11/2013 13:13	NORTH LAB INB RB	lic75936
Out 07/11/2013 13:43	NORTH 4 OUTBO JB3	Lic 066877

Operation Type-Inbound
Inbound

Gross	66660 lb
Tare	35020 lb
Net	31640 lb
Tons	15.82

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	15.82	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047
(800) 963-4776 – Technical Service Center

Document Refer No. 11009010

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: 973 903 7022 Kenneth Jeffery (Print or Type)

Pick-up Address 2273 (No.) Eastern Blvd (Street) Baltimore (City), MD (State) 21220

Telephone Number: 410 682 1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 Cubic Yards: 58 Other (Specify): N/A

Name of Waste Non-Haz Regulated Soil - Contaminated

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/11/13 Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: TTI

ADDRESS: 5420 WARREN DR PONTIAC MI

Pick-up Date: 7/11/13 Truck No. 37 Vehicle Lic. No. 650F53

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: CHRIS MURRAY

Signature of authorized agent: Chris Murray

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: TTI — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR — Signature — Month: 7 Day: 11 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CHRISTOPHER D. MURRAY — Signature — Month: 7 Day: 11 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847797

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/11/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	39.03	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009011	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/11/2013 13:22	NORTH LAB INB RB	lic75936
Out 07/11/2013 13:47	NORTH 3 OUTBO	AJ Lic 015313

Operation Type-Inbound

Inbound	Gross	63920 lb
	Tare	25820 lb
	Net	38100 lb
	Tons	19.05

WASTE MANAGEMENT

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.05	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster:_____ Driver:_____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009011

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: Hehners A Jeffery (Print or Type)

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (City) MD (State)

Telephone Number: 410 682 1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 82 Cubic Yards: 30 Other (Specify): _____

Name of Waste Non Haz / Non Regulated Contaminated Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473597NE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/11/13 Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS

ADDRESS: POBox 7 Thomasville PA

Pick-up Date: 7.11.13 Truck No. 71 Vehicle Lic. No. AF65900

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Paul Martin Driver

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MDR000524413	1	973-903-7022	

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: KBS, INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non Haz Non Regulated Soil	1	DT	GST 22	T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330

AWMS TRANS

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY Jr — Signature: [signature] — Month 7 Day 11 Year 13

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Paul Martin AWMS Trans — Signature: Paul Mart — Month 7 Day 11 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 847807

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/11/2013	Vehicle#	54
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	55.63	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009012	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/11/2013 13:30	NORTH LAB INB	RB lic75936
Out 07/11/2013 13:53	NORTH 4 OUTBO	JB3 Lic 066877

Operation Type-Inbound

Inbound	Gross	62640 lb
	Tare	29440 lb
	Net	33200 lb
	Tons	16.60

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	16.60	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009012

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: KBS LOCKHEED (Print or Type) Company Contact: _____ (Print or Type)

Pick-up Address LOCKHEED (No.) E BLVD (Street) KNT (City) MD (State)

Telephone Number: 410 682 1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 02 Cubic Yards: 30 Other (Specify): _____

Name of Waste NON HAZ DIRT

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/11/13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: THOMASVILLE PA

Pick-up Date: 7-11-13 Truck No. 54 Vehicle Lic. No. AF91222

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: JIM BECKER

Signature of authorized agent: Jim Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 456209

BILL TO CUSTOMER: ~~American Waste~~ / Lockheed Martin	CASH	COD	CHARGE
SHIPPER NUMBERS: 53052	CONSIGNEE NUMBERS: 847826		
PICK UP LOCATION: Lockheed Martin Mickelle River, MD	DELIVERY LOCATION: Waste Management Harrisville, PA		

WAITING TIME LOADING			WAITING TIME UNLOADING		
9:15 AM	11:00 AM	2-11-13	1:15	2:15	2-11-13
TIME IN	TIME OUT	DATE	TIME IN	TIME OUT	DATE

DELAY TIME SIGNATURE _____ DELAY TIME SIGNATURE _____

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
264445	

COMMENTS: Ken (Tetra Tech) 302-521-4907

COMMODITY: Non Haz Dirt

TRACTOR NO. 73 | TRLR NO.

DRIVER: Tim Freyman

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED _____

FIRM _____

BY _____

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	65600
TARE		T	26040
NET	Est 22 ton	N	39560

QUAN.	DESCRIPTION	RATE	AMOUNT
		waiting time	
	DELIVERY CHARGE	1 3/4 hrs	
	SUB TOTAL	-1 hr free	
	SALES TAX		
	TOTAL		

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 847026

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/11/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	75.41	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009013	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/11/2013 13:44	NORTH LAB INB	RB lic75936
Out 07/11/2013 14:10	NORTH 4 OUTBO	JB3 Lic 066877

Operation Type-Inbound

Inbound	Gross	65600 lb
	Tare	26040 lb
	Net	39560 lb
	Tons	19.78

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.78	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009013

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: _____ (Print or Type) Company Contact: _____ (Print or Type)

Pick-up Address _____ (No.) (Street) (City) (State)

Telephone Number: _____ SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste _____

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 47,997PWC

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: _____ Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: _____

ADDRESS: _____

Pick-up Date: _____ Truck No. _____ Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: _____

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

_____ (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847830

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/11/2013	Vehicle#	41 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	94.09	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009014	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/11/2013 13:50	NORTH LAB INB RB lic75936
Out	07/11/2013 14:20	NORTH 4 OUTBO JB3 Lic 066877

Operation Type-Inbound

Inbound	Gross	63220 lb
	Tare	25860 lb
	Net	37360 lb
	Tons	18.68

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.68	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009014

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: _____ (Print or Type) Company Contact: _____ (Print or Type)

Pick-up Address _____ (No.) (Street) (City) (State)

Telephone Number: _____ SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste _____

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: _____

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: _____ Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: _____

ADDRESS: _____

Pick-up Date: _____ Truck No. _____ Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: _____

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

_____ (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 847866

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 07/11/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 112.40
Man Tk#
PO

Vehicle# 43 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 009015
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/11/2013 14:33	NORTH LAB INB	RB lic75936
Out 07/11/2013 15:00	NORTH 3 OUTBO	AJ Lic 015313

Operation Type-Inbound

Inbound		
	Gross	62340 lb
	Tare	25720 lb
	Net	36620 lb
	Tons	18.31

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.31	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: [signature]

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009015

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. WIH011

Company Name: ~~[illegible]~~ Lockheed Martin (Print or Type) Company Contact: Kenneth Tetley Sr (Print or Type)

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (City) MD (State)

Telephone Number: (410) 682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 Cubic Yards: 30 Other (Specify): _____

Name of Waste Non Haz / Non-Reg. Contaminated Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473987MF

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/11/13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS Inc.

ADDRESS: PO Box 7 Thomasville PA

Pick-up Date: 7-11-13 Truck No. 13 Vehicle Lic. No. AF65901

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Barry Gibbin

Signature of authorized agent: Barry Gibbin

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MDR000524413	1	973-903-7022	008

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: KBS, IHC — U.S. EPA ID Number: WHO191

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	PT	22	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997FAE WID: 51330

AWMS TRANS

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. — Signature — Month: 7 — Day: 11 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Perry Gibbin — Signature — Month: 7 — Day: 11 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 847858

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/11/2013	Vehicle#	36
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	51.52	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009016	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/11/2013 14:24	NORTH LAB INB RB lic75936	
Out 07/11/2013 15:01	NORTH 4 OUTBD JB3 Lic 066877	

Operation Type-Inbound

Inbound	Gross	72320 lb
	Tare	36240 lb
	Net	36080 lb
	Tons	18.04

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.04	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009016

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR 000524413

Company Name: Lockheed Martin (Print or Type) Company Contact: Kenneth Jeffery Jr (Print or Type)

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (City) MD (State)

Telephone Number: (410) 682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 Cubic Yards: 30 Other (Specify): _____

Name of Waste Non Haz/ Non Leg Cont. Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/11/13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Tomark

ADDRESS: _____

Pick-up Date: 7/11/13 Truck No. 36 Vehicle Lic. No. 738 F59

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Brandon Dorsey

Signature of authorized agent: Brandon Dorsey

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: TTI — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	PT	22T		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997FAE WID: 51330

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY, JR — Signature: [signature] — Month: 07 Day: 11 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Raymond R Washington Jr — Signature: [signature] — Month: 7 Day: 11 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848086

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	07/12/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.31	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009017	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/12/2013 07:44	NORTH LAB INB RB lic75936	
Out 07/12/2013 08:12	NORTH 4 OUTBO SK Lic 056734	

Operation Type-Inbound

Inbound	Gross	70200 lb
	Tare	25580 lb
	Net	44620 lb
	Tons	22.31

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.31	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009017

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR000524413

Company Name: Lockheed Martin (Print or Type) Company Contact: Kenneth Jeffery (Print or Type)

Pick-up Address 2323 Eastern blvd (No.) (Street) Baltimore (City) MD (State)

Telephone Number: 410 682 1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 Cubic Yards: 30 Other (Specify): _____

Name of Waste Non Haz / Non Reg. Cont. Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997PHE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/11/13 Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Payne

ADDRESS: Fredericksburg VA

Pick-up Date: 7/12/13 Truck No. 501 Vehicle Lic. No. 231ED34

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Jim Sandel

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/12/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848282

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: JJMOTORING
1 American Way
Warren, OH, 44484

Tkt Date	07/12/2013	Vehicle#	964 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	42.72	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009018	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	65540 lb
In 07/12/2013 11:54	NORTH LAB INB	AK LIC#73712		Tare	24720 lb
Out 07/12/2013 12:47	NORTH 4 OUTBO	SK Lic 056734		Net	40820 lb
				Tons	20.41

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.41	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009018

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2325 Eastern BLVD Baltimore MD 21220
(No.) (Street) (City) (State)

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste Non Haz Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473497PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-12-13 Signature: See Attached
(Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: J+S

ADDRESS: Fairfield Pa

Pick-up Date: 7-12-13 Truck No. 964 Vehicle Lic. No. 237 26 MD

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chris Dubs Driver

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7-12-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848288

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: JJMOTORING
1 American Way
Warren, OH, 44484

Tkt Date	07/12/2013	Vehicle#	297 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	62.80	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009019	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/12/2013 11:58	NORTH LAB INB	AK LIC#73712
Out 07/12/2013 12:48	NORTH 4 OUTBO	SK Lic 056734

Operation Type-Inbound

Inbound	Gross	65560 lb
	Tare	25400 lb
	Net	40160 lb
	Tons	20.08

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.08	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Derrick Hitte

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009019

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2325 (No.) Eastern (Street) BLVD Baltimore (City) MD (State) 21220 (Print or Type)

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste Non Haz Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-12-13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: J+J Motorsports

ADDRESS: 1185 Bullfrog Rd Fallon NV

Pick-up Date: 7/12/13 Truck No. 207 Vehicle Lic. No. 234581

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Derrick Hobbs

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7-12-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848294

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: JJMOTORING
1 American Way
Warren, OH, 44484

Tkt Date	07/12/2013	Vehicle#	675 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	82.77	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009020	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/12/2013 12:01	NORTH LAB INB	AK LIC#73712
Out 07/12/2013 12:58	NORTH 4 OUTBO	SK Lic 056734

Operation Type-Inbound

Inbound	Gross	65740 lb
	Tare	25800 lb
	Net	39940 lb
	Tons	19.97

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.97	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Wayne Stone

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047
(800) 963-4776 – Technical Service Center

Document Refer No. 11009020

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (City) MD (State) 21220 (Print or Type)

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste Non Haz Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473197 DAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-12-13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: J J motoring Inc

ADDRESS: 1185 Bullfrog Road Fairchild PA 17320

Pick-up Date: 7-12-13 Truck No. 625 Vehicle Lic. No. 210E25

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Wayne Toms Driver

Signature of authorized agent: Wayne Toms

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7-12-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849055

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/15/2013	Vehicle#	37 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	26.25	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009021	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/15/2013 12:03	NORTH LAB INB RB lic75936
Out	07/15/2013 12:43	NORTH 4 OUTBO KS LIC 76012

Operation Type-Inbound
Inbound

Gross	87040 lb
Tare	34540 lb
Net	52500 lb
Tons	26.25

Comments License: 650F33, MD, Owner: TOMAR TRUCKING INC, Address: 8420 WARREN DRIVE POMFRET

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	26.25	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009021

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: _____ (Print or Type) Company Contact: _____ (Print or Type)

Pick-up Address _____ (No.) (Street) (City) (State)

Telephone Number: _____ SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 50 Cubic Yards: 60 Other (Specify): _____

Name of Waste _____

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: _____

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: _____ Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: _____

ADDRESS: _____

Pick-up Date: _____ Truck No. _____ Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: _____

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

_____ (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849107

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/15/2013	Vehicle#	37 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	54.93	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009053	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In	07/15/2013 13:07	NORTH LAB INB RB	lic75936	Inbound	Gross 92860 lb
Out	07/15/2013 13:53	NORTH 4 OUTBO KS	LIC 76012		Tare 35500 lb
					Net 57360 lb
					Tons 28.68

Comments License: 650F33, MD, Owner: TOMAR TRUCKING INC, Address: 8420 WARREN DRIVE POMFRET

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	28.68	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009053

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: Kenneth Tessery Jr (Print or Type)

Pick-up Address 2323 Eastern Blvd (No.) (Street) Baltimore (City) MD (State)

Telephone Number: (410) 682 1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 50 Cubic Yards: _____ Other (Specify): _____

Name of Waste Non Haz / Non Reg Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 VAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/15/13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Tomar Trucking

ADDRESS: 8420 Warren Dr Pomfret, MD 20675

Pick-up Date: 7/15/13 Truck No. 37 Vehicle Lic. No. 650F33

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chris Murray

Signature of authorized agent: Chris Murray

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/15/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

2

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849195

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/15/2013	Vehicle#	37 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	73.81	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009054	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/15/2013 14:19	NORTH LAB INB	RB lic75936	Inbound	Gross	76240 lb
Out 07/15/2013 15:23	NORTH 4 OUTBO	KS LIC 76012		Tare	38480 lb
				Net	37760 lb
				Tons	18.88

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.88	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: T40 Driver:

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009054

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockwood Machine (Print or Type) Company Contact: Kenneth Jeffers Jr. (Print or Type)

Pick-up Address 233 Eastern Blvd (No.) (Street) Baltimore (City) MD (State)

Telephone Number: (410) 682 1515 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 40 Cubic Yards: 50 Other (Specify): _____

Name of Waste Non-Hazardous Contaminated Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473597PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/15/13 Signature: See Attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Tomar Trucking

ADDRESS: _____

Pick-up Date: 7/15/13 Truck No. 17 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Tyler Mowery

Signature of authorized agent: Tyler Mowery

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/15/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 456648

BILL TO CUSTOMER

SHIPPER NUMBERS: WMS Transportation

PICK UP LOCATION: ~~American~~ / Lockheed martin
2323 Eastern Blvd.
Middle River MD

WAITING TIME LOADING

TIME IN	TIME OUT	DATE
7:00	10:30	7-10-13

DELIVERY TIME SIGNATURE

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
264406	

COMMENTS: waiting on other trucks getting loaded

COMMODITY: non-Hazardous

TRACTOR NO. #43 | TRLR NO.

DRIVER: Perry Cable

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED

FIRM

BY

CASH	COD	CHARGE

CONSIGNEE NUMBERS

DELIVERY LOCATION: W. Management / Brows 1st
Monroeville PA

WAITING TIME UNLOADING

TIME IN	TIME OUT	DATE

DELAY TIME SIGNATURE

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	63680
TARE		T	25900
NET		N	37780

QUAN.	DESCRIPTION	RATE	AMOUNT
			waiting time
	DELIVERY CHARGE		3½ hrs - 1 hr free
	SUB TOTAL		2½ hrs
	SALES TAX		
	TOTAL		

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 047218

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 07/10/2013
Pay Type Credit Account Chk#
Billing # 00004645
Acct Tons 18.09
Plan Tk#
PO

Vehicle# 43 Volume
Trailer#
License#
Driver
Haul Tk#
Dest M2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 009400
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/10/2013 13:19	NORTH LAB INB	RB Lic75936
Out 07/10/2013 13:46	NORTH 5 INBOU	DW Lic 061464

Operation Type=Inbound
Inbound

Gross	63600 lb
Tare	25900 lb
Net	37700 lb
Tons	18.09

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.09	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: Perry Gilbert Driver:

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009400

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. _____

Company Name: Lockheed Martin (Print or Type) Company Contact: _____

Pick-up Address 2323 Eastern BLVD (No.) (Street) Baltimore (City) MD (State) 21220

Telephone Number: 410-682-1315 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: _____ Cubic Yards: _____ Other (Specify): _____

Name of Waste NON RCRA Haz, NON Det Soil

Special Handling Instructions, if any: 473997PAE

PROFILE/ WASTE STREAM I.D. NUMBER: 473997PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/10/13 Signature: See attached (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WH0191

COMPANY NAME: KBS Inc.

ADDRESS: PO Box 7 Thomasville PA

Pick-up Date: 7-10-13 Truck No. 43 Vehicle Lic. No. AF65901

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Perry Giblin

Signature of authorized agent: Perry Giblin

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDR000524413	1	973-903-7022	

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: KBS, INC. — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22T.		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473997PAE WID: 51330

AWMS TRANS

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. — Signature: [signature] — Month: 7 — Day: 10 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Perry Gabin AWMS Transportation — Signature: [signature] — Month: 7 — Day: 10 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 459145

BILL TO CUSTOMER

CASH | COD | CHARGE

SHIPPER NUMBERS

CONSIGNEE NUMBERS

PICK UP LOCATION: American Waste / Lockheed Martin
Middle River, MD

DELIVERY LOCATION: W. Management / Grows landfill
Morrisville, PA

WAITING TIME LOADING

TIME IN	TIME OUT	DATE
7:00 AM	9:15AM	7-12-13

WAITING TIME UNLOADING

TIME IN	TIME OUT	DATE

DELAY TIME SIGNATURE: Ken

DELAY TIME SIGNATURE

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
264557	

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	66640
TARE		T.	25880
NET		N	40760

COMMENTS

COMMODITY: Non Haz Dirt

QUAN.	DESCRIPTION	RATE	AMOUNT

TRACTOR NO. 71 | TRLR NO.

DRIVER: Paul Martin

DELIVERY CHARGE

SUB TOTAL: 2.25hrs

SALES TAX: -1 hr free

TOTAL

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED _____

FIRM _____

BY _____

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848328

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/12/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	103.15	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106038	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/12/2013 12:36	NORTH LAB INB RB	lic75936
Out 07/12/2013 13:20	NORTH 4 OUTBO JB3	Lic 066877

Operation Type-Inbound

Inbound	Gross	66640 lb
	Tare	25880 lb
	Net	40760 lb
	Tons	20.38

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.38	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER COPY - DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106038

NON-HAZARDOUS WASTE MANIFEST 473997 PAE

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR 005244 13 9

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 2323 (No.) EASTERN (Street) BLVD BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 EST Cubic Yards: _____ Other (Specify): _____

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/12/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WHO 191

COMPANY NAME: AWMS TRANS / KRS

ADDRESS: PO Box 7 Thomasville PA 17364

Pick-up Date: 7-12-13 Truck No. 71 Vehicle Lic. No. AFG5900

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Paul Martin Driver

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resources Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 458493

BILL TO CUSTOMER

CASH | COD | CHARGE

SHIPPER NUMBERS

CONSIGNEE NUMBERS 848330

PICK UP LOCATION Lockheed Martin Middle River, Md

DELIVERY LOCATION Waste Management Bordentown Rd. Morrisville, Pa

WAITING TIME LOADING

7:00 TIME IN | 9:30 TIME OUT | 7/12/13 DATE

WAITING TIME UNLOADING

TIME IN | TIME OUT | 7/12/13 DATE

DELAY TIME SIGNATURE

DELAY TIME SIGNATURE

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
0264675	

	SHIPPER WT.		CONSIGNEE WT.
GROSS	67940	G	
TARE	25500	T	
NET	42440	N	

COMMENTS

COMMODITY Non-Hazardous Dirt

TRACTOR NO. 67 | TRLR NO.

DRIVER Bob Hartman

QUAN.	DESCRIPTION	RATE	AMOUNT
	waiting time		
	DELIVERY CHARGE 2 1/2 hrs		
	SUB TOTAL - 1 hr free		
	SALES TAX		
	TOTAL		

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED

FIRM

BY

ORIGINAL - FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848330

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/12/2013	Vehicle#	67 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	146.48	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106039	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/12/2013 12:40	NORTH LAB INB	RB lic75936
Out 07/12/2013 13:23	NORTH 4 OUTBO	JB3 Lic 066877

Operation Type-Inbound

Inbound	Gross	67940 lb
	Tare	25500 lb
	Net	42440 lb
	Tons	21.22

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.22	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ VOID - CUSTOMER COPY - DO NOT ACCEPT Driver: _____

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106039

NON-HAZARDOUS WASTE MANIFEST

473997 PAE

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR 000524413

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 2323 EASTERN BLVD (No.) (Street) BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST 22 Cubic Yards: – Other (Specify): –

Name of Waste NON HAZ / NON REG.

Special Handling Instructions, if any: –

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/12/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. KBS INC. WH0191

COMPANY NAME: AWMS TRANS

ADDRESS: Box 7 Thomasville, Pa.

Pick-up Date: 7/12/13 Truck No. 67 Vehicle Lic. No. AF-65905

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bob HARTMAN

Signature of authorized agent: Bob Hartman

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountaiu View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resources Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/12/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 456628

BILL TO CUSTOMER	CASH	COD:	CHARGE
SHIPPER NUMBERS	CONSIGNEE NUMBERS		
PICK UP LOCATION American Waste / Lockheed Martin. Middle River Md	DELIVERY LOCATION W. Management / Grows Landfill 121 Bordentown Rd.		
WAITING TIME LOADING		WAITING TIME UNLOADING	
TIME IN 7:45 AM	TIME OUT 9:30 AM	DATE 7-12-13	TIME IN	TIME OUT	DATE 7-12-13
DELAY TIME SIGNATURE		DELAY TIME SIGNATURE	
KBS ORDER NO. 264560	CUSTOMER REFERENCE NOS.		

	SHIPPER WT.		CONSIGNEE WT.
GROSS	69880	G	
TARE	25660	T	
NET	44220	N	

QUAN.	DESCRIPTION	RATE	AMOUNT
		waiting time	
	DELIVERY CHARGE	1 3/4 hrs	
	SUB TOTAL	- 1 hr free	
	SALES TAX		
	TOTAL		

COMMENTS

COMMODITY

TRACTOR NO. 69 | TRLR NO.

DRIVER Frank Wagaman

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED _____

FIRM _____

BY _____

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848329

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/12/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	125.26	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106040	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/12/2013 12:38	NORTH LAB INB	RB lic75936	Inbound	Gross	69880 lb
Out 07/12/2013 13:21	NORTH 4 OUTBO	JB3 Lic 066877		Tare	25660 lb
				Net	44220 lb
				Tons	22.11

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.11	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Frank Wagenman
69

Total Tax
Total Ticket

Weighmaster: _____ VOID - CUSTOMER DO NOT ACCEPT Driver: _____

403-WMPA

FW 65 KBS 264 560

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106040

NON-HAZARDOUS WASTE MANIFEST

473997 PAE

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244 13

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 23 23 (No.) EASTERN BLVD (Street) BOLT (City) MD (State) 21220 (Zip)

Telephone Number: ~~907~~ KBS 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST 22 Cubic Yards: – Other (Specify): –

Name of Waste NON HAZ / NON REG.

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/12/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WHD191

COMPANY NAME: AWMS TRANS KBS

ADDRESS: Box 7 Thomasville

Pick-up Date: 7-12-13 Truck No. 69 Vehicle Lic. No. PA AG00812

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Frank Wagamann

Signature of authorized agent: Frank Wagamann

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Laudfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resources Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/12/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

K-B-S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 456649

BILL TO CUSTOMER: American Waste % M.T. Service

CASH | COD | CHARGE

SHIPPER NUMBERS:

CONSIGNEE NUMBERS: 848347

PICK UP LOCATION: American waste / Lockheed Martin
Middle River MD

DELIVERY LOCATION: Grows S/F / W. M
Morrisville PA

WAITING TIME LOADING

TIME IN	TIME OUT	DATE
8:15	10:00	7-12-13

WAITING TIME UNLOADING

TIME IN	TIME OUT	DATE

DELAY TIME SIGNATURE:

DELAY TIME SIGNATURE:

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
264551	

COMMENTS: waiting Trucks

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	65480
TARE		T	25840
NET		N	39640

COMMODITY: non-Haz Dirt

TRACTOR NO. #43 | TRLR NO.

DRIVER: Perry Giblin

QUAN.	DESCRIPTION	RATE	AMOUNT
		waiting time	
	DELIVERY CHARGE	1 3/4 hr	
	SUB TOTAL	- 1 hr free	
	SALES TAX		
	TOTAL		

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED _____

FIRM _____

BY _____

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848347

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/12/2013	Vehicle#	43 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	166.30	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106041	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 07/12/2013 12:54	NORTH LAB IND RB lic75936		Inbound	Gross	65480 lb
Out 07/12/2013 13:23	NORTH 3 OUTBO AJ Lic 015313			Tare	25840 lb
				Net	39640 lb
				Tons	19.82

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.82	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106041

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244113

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 2323 (No.) EASTERN BLVD (Street) BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 Cubic Yards: - Other (Specify): -

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473997PAE WID: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/12/13 Signature: _____ (Name and Title) CM

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS Inc. AWMSTRONG

ADDRESS: PO Box 7 Thompsontown PA

Pick-up Date: 7-12-13 Truck No. 43 Vehicle Lic. No. AF65501

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Kerry Clouse

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resonrces Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/12/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 457049

BILL TO CUSTOMER

CASH | COD | CHARGE

SHIPPER NUMBERS

CONSIGNEE NUMBERS 848351

PICK UP LOCATION American Waste/Lockheed martin
middle River md.

DELIVERY LOCATION Waste Management/Brows Landfill
Morrisville Pa.

WAITING TIME LOADING

8:45 Am (TIME IN) | 10:30 (TIME OUT) | 7-12-17 (DATE)

WAITING TIME UNLOADING

TIME IN | TIME OUT | DATE

DELAY TIME SIGNATURE

DELAY TIME SIGNATURE

KBS ORDER NO. 264556

CUSTOMER REFERENCE NOS.

COMMENTS

	SHIPPER WT.		CONSIGNEE WT.
GROSS	65540	G	
TARE	25680	T	
NET	39860	N	

COMMODITY Non Haz Dirt

TRACTOR NO. 66

TRLR NO.

DRIVER Bruce Witter

QUAN.	DESCRIPTION	RATE	AMOUNT
	DELIVERY CHARGE 1 3/4 hrs		
	SUB TOTAL - 1 hr		
	SALES TAX		
	TOTAL		

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED

FIRM

BY

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848351

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/12/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	186.23	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106042	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/12/2013 12:58	NORTH LAB INB RB lic75936	
Out 07/12/2013 13:25	NORTH 4 OUTBO JB3 Lic 066877	

Operation Type-Inbound

Inbound	Gross	65540 lb
	Tare	25680 lb
	Net	39860 lb
	Tons	19.93

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.93	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ VOID - CUSTOMER DO NOT ACCEPT Driver: _____

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road.
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106042

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244413

Company Name: LMC (Print or Type) Company Contact: KEN JEFFREY (Print or Type)

Pick-up Address 2323 (No.) EASTERN BLVD (Street) BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 Cubic Yards: - Other (Specify): -

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473997 PAE WID: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/12/13 Signature: [signature] GM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KPS Inc

ADDRESS: PO Box 7 Thomasville PA. 17364

Pick-up Date: 7-12-13 Truck No. 66 Vehicle Lic. No. AC00809 K

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bruce W. Hill Agent Trans.

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resouree Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resources Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/12/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 848976

Customer: NO TRANS AMERICAN WASTE MGT 473997P9E
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/15/2013		Vehicle#	69	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	43.56		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P9E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106043	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/15/2013 10:37	NORTH LAB INB RB	lic75936
Out 07/15/2013 11:02	NORTH 3 OUTBD BK	Lic 0653530

Operation Type-Inbound

Inbound		
	Gross	68000 lb
	Tare	25860 lb
	Net	42140 lb
	Tons	21.07

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.07	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wayne 69

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106043

NON-HAZARDOUS WASTE MANIFEST 473997PAE

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR 00524413

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 2323 (No.) EASTERN (Street) BLVD BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST 22 Cubic Yards: – Other (Specify): –

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7-15-13 Signature: Kenneth A. Jeffery, Jr CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WHO 191

COMPANY NAME: KBS AWMS TRANS

ADDRESS: Box 7 Thomasville 17364

Pick-up Date: 7-15-13 Truck No. 69 Vehicle Lic. No. PA MG00812

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Frank Wagner

Signature of authorized agent: Frank Wagner

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resources Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Laudfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/15/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 848973

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/15/2013	Vehicle#	66
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.49	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106044	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/15/2013 10:35	NORTH LAB INB	RB lic75936
Out 07/15/2013 10:56	NORTH 1 OUTBO	LR Lic 0653258

Operation Type-Inbound

Inbound	Gross	70720 lb
	Tare	25740 lb
	Net	44980 lb
	Tons	22.49

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.49	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

473997 PAE

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106044

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244-13

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 2323 EASTERN BLVD (No.) (Street) BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST 22 Cubic Yards: _____ Other (Specify): _____

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: —

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/15/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WH0191

COMPANY NAME: KBS Inc. AWMS

ADDRESS: Morrisville Pa.

Pick-up Date: 7-15-13 Truck No. 66 Vehicle Lic. No. A60809

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bruce Witter AWMS

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resources Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/15/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849049

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/15/2013	Vehicle#	67 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	90.96	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106045	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/15/2013 11:56	NORTH LAB INB	RB lic75936
Out 07/15/2013 12:49	NORTH 4 OUTBO	KS LIC 76012

Operation Type-Inbound
Inbound

Gross	71920 lb
Tare	25720 lb
Net	46200 lb
Tons	23.10

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.10	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Bob Hunter

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106045

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244413

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 2323 EASTERN BLVD (No.) (Street) BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST 22 Cubic Yards: - Other (Specify): -

Name of Waste NON HAZ / NON REG.

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PHC

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/15/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. ~~KBS Inc~~

COMPANY NAME: KBS Inc Truck #67 WH0191

ADDRESS: Box 7 Thomasville, Pa.

Pick-up Date: 7/15/13 Truck No. 67 Vehicle Lic. No. AT-65905

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bob Hartman

Signature of authorized agent: Bob Hartman

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resonrces Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/15/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849046

Customer: ND TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	07/15/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	67.86	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106046	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In 07/15/2013 11:54	NORTH LAB INB RB	lic75936	Inbound
Out 07/15/2013 12:42	NORTH 4 OUTBO KS	LIC 76012	

Gross	74000	lb
Tare	25400	lb
Net	48600	lb
Tons	24.30	

Comments License: 231ED34, MD, Owner: PAYNE INC, Address: 10411 HALL INDUSTRIAL DRIVE FREDE

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.30	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106046

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005224 13

Company Name: LMC (Print or Type) Company Contact: KENNETH A. JEFFREY (Print or Type)

Pick-up Address 2323 EASTERN BLVD (No.) (Street) BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST 22 Cubic Yards: - Other (Specify): -

Name of Waste NON HAZ / NON REG Soil

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997 PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 07/15/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Payne

ADDRESS: Fredericksburg VA

Pick-up Date: 15 July 13 Truck No. 501 Vehicle Lic. No. 2J1ED34

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: T. M Sandel

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resources Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

7/15/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

WASTE MANAGEMENT

8 9

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849096

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/15/2013	Vehicle#	46 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	115.94	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	106047	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/15/2013 12:50	NORTH LAB INB AK LIC#73712
Out	07/15/2013 13:16	NORTH 4 OUTBO KS LIC 76012

Operation Type-Inbound

Inbound	Gross	74760 lb
	Tare	24800 lb
	Net	49960 lb
	Tons	24.98

Comments License: AE87860, PA, Owner: KBS INC, Address: RT & KBS ROAD PO BOX 7 THOMASVILLE,

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.98	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID, CUSTOMER DO NOT ACCEPT

403-WMPA

26A652

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 12 106047

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR00522413

Company Name: LMC (Print or Type) Company Contact: KEN JEFFERY (Print or Type)

Pick-up Address 2323 (No.) EASTERN (Street) BLVD BALT (City) MD (State) 21220 (Zip)

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST 22 Cubic Yards: – Other (Specify): –

Name of Waste NON HAZ / NON REG SOIL

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER: 473997PAE

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/15/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: PO BOX 7 THOMASVILLE PA 17362

Pick-up Date: 7/15/13 Truck No. 46 Vehicle Lic. No. AE87860PA

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: CRAIG DUBS DRIVER "~~[illegible]~~ TRANS" AWMS

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	**Phoenix Resonrces Landfill** 782 Antrim Road Wellsboro, PA 16901 **PADEP Permit # 101649** (570) 353-2405
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400		

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 7/15/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

LANDFILL (MAIL TO GENERATOR)

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 850047

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date 07/17/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 43.56
Man Tk#
PO

Vehicle# 501 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A
Manifest 1939890
Trailer

Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/17/2013 07:25	NORTH LAB INB RB	lic75936
Out 07/17/2013 07:50	NORTH 4 OUTBO KS	LIC 76012

Operation Type-Inbound
Inbound

Gross	70620 lb
Tare	25840 lb
Net	44780 lb
Tons	22.39

Comments corrected manifet number - kas

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.39	Tons				
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
								MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK # 501

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939890
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
PAYNE, JR AUMS TRANS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY		07	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Jim Sandell		7	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns		7	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Reprint
Ticket# 850066

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/17/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	106.00	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939891	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/17/2013 07:45	NORTH LAB INB RB	lic75936	Inbound	Gross	69240 lb
Out 07/17/2013 08:13	NORTH 3 OUTBO AJ	Lic 015313		Tare	28040 lb
				Net	41200 lb
				Tons	20.60

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.60	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	Truck #2

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939891
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KESS, Inc AWMS Trans		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	CT	1	22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Jeffer		07	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850247

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	147.48	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939892	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	67080 lb
In 07/17/2013 12:12	NORTH LAB INB	RB lic75936		Tare	25640 lb
Out 07/17/2013 12:32	NORTH 3 OUTBO	AJ Lic 015313		Net	41440 lb
				Tons	20.72

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.72	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wage

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK No

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939892
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS INC. AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	PT	1	EST 22 T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	07	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns	[signature]	7	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

13

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850342

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/17/2013	Vehicle#	36 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	35.61	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939893	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	69160 lb
In 07/17/2013 13:33	NORTH LAB INB RB	lic75936		Tare	37440 lb
Out 07/17/2013 14:02	NORTH 4 OUTBO KS	LIC 76012		Net	31720 lb
				Tons	15.86

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	15.86	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK# SNT2

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939893 (KAJ)
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
TTI, Inc. AMWS Trans.		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY Jr.	[signature]	07	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns	[signature]	7	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

9

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 850309

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	169.04	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939894	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/17/2013 13:05	NORTH LAB INB RB	lic75936
Out 07/17/2013 13:26	NORTH 3 OUTBO AJ	Lic 015313

Operation Type-Inbound

Inbound	Gross	68800 lb
	Tare	25680 lb
	Net	43120 lb
	Tons	21.56

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	TK # 66

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939894
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
AWMS KBS, INC. TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850281

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date 07/17/2013
Pay Type Credit Account Chk#
Billing # 0004645
Acct Tons 19.75
Man Tk#
PO

Vehicle# 36 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A
Manifest 1939895
Trailer

Waste # 006
Origin #/County MD/Maryland (State of, MD
Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator
In 07/17/2013 12:39	NORTH LAB INB	RB lic75936
Out 07/17/2013 13:09	NORTH 4 OUTBO	KS LIC 76012

Inbound

Gross	73200 lb
Tare	33700 lb
Net	39500 lb
Tons	19.75

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of TC T36

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939895

B. State Generator's ID

5. Transporter 1 Company Name
TTI, Inc AMWS 36 TTJWS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	PT	1	T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850365

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	59 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	209.71	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939896	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/17/2013 13:53	NORTH LAB INB RB lic75936
Out	07/17/2013 14:20	NORTH 4 OUTBO KS LIC 76012

Operation Type-Inbound

Inbound		
	Gross	65880 lb
	Tare	24780 lb
	Net	41100 lb
	Tons	20.55

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939896

B. State Generator's ID

5. Transporter 1 Company Name
KBS INC AMW'S TRUCKS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850326

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	45 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	189.16	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939897	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/17/2013 13:19	NORTH LAB INB RB	lic75936
Out 07/17/2013 13:42	NORTH 4 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	65980 lb
	Tare	25740 lb
	Net	40240 lb
	Tons	20.12

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	TK # 45

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939897
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBB, INC AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 850373

13

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	42 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	232.72	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	162-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939898	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 07/17/2013 14:03	NORTH LAB INB	RB lic75936	Inbound	Gross	71820 lb
Out 07/17/2013 14:29	NORTH 2 OUTBO	JB2 Lic 017804		Tare	25800 lb
				Net	46020 lb
				Tons	23.01

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons- 100		23.01	Tons				MD

NON-HAZARDOUS MANIFEST

13

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939898

B. State Generator's ID

5. Transporter 1 Company Name
KBS, INC. AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1	T/T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850641

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	113.62	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939899	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/18/2013 08:00	NORTH LAB INB	RB lic75936	Inbound	Gross	68180 lb
Out 07/18/2013 08:22	NORTH 4 OUTBO	KS LIC 76012		Tare	28080 lb
				Net	40100 lb
				Tons	20.05

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tr # 56

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939899

B. State Generator's ID

5. Transporter 1 Company Name AWMS TRANSP. KBS, INC.

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1	G/T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 850644

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	134.30	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939900	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/18/2013 08:02	NORTH LAB INB RB	lic75936
Out 07/18/2013 08:28	NORTH 3 OUTBO AJ	Lic 015313

Operation Type-Inbound

Inbound	Gross	70920 lb
	Tare	29560 lb
	Net	41360 lb
	Tons	20.68

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TC #54

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939900
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS INC AWMS TROUSP		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850646

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	65 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	156.38	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939901	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/18/2013 08:04	NORTH LAB INB RB	lic75936
Out 07/18/2013 08:29	NORTH 3 OUTBO AJ	Lic 015313

Operation Type-Inbound

Inbound	Gross	69840 lb
	Tare	25680 lb
	Net	44160 lb
	Tons	22.08

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of TK # 65

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number: WMNA 1939901
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 4. Generator's Phone: 410-682-1315		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS, INC. AWMA TRANS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	G 22 T	
b.					

SVILLE, PA 17364 • B/L # 459146

SH	COD	CHARGE

NSIGNEE
MBERS

LIVERY
CATION Grows landfill
Morrisville, PA

WAITING TIME UNLOADING

TIME IN | TIME OUT | DATE

ELAY TIME
IGNATURE

	SHIPPER WT.		CONSIGNEE WT.
ROSS		G	
RE		T	
ET		N	21.75

UAN.	DESCRIPTION	RATE	AMOUNT
ELIVERY CHARGE			
UB TOTAL			
ALES TAX			
OTAL			

ORIGINAL FREIGHT BILL

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850622

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	46.25	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939902	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In	07/18/2013 07:37	NORTH LAB INB RB	lic75936	Inbound	Gross 69460 lb
Out	07/18/2013 08:08	NORTH 3 OUTBD AJ	Lic 015313		Tare 25960 lb
					Net 43500 lb
					Tons 21.75

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRK # 71

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939902
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KDS, INC AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22K	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 850624

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	73
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	71.59	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939903	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/18/2013 07:41	NORTH LAB INB RB lic75936
Out	07/18/2013 08:10	NORTH 3 OUTBO AJ Lic 015313

Operation Type-Inbound

Inbound	Gross	76820 lb
	Tare	26140 lb
	Net	50680 lb
	Tons	25.34

Comments License: AF79671, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVIL

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK # 73

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939903
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, INC AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22 K	
WM Profile # 473997PAE					
b.					
WM Profile #					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850629

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	46 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	93.57	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939904	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 07/18/2013 07:47	NORTH LAB INB RB	lic75936	Inbound	Gross	68860 lb
Out 07/18/2013 08:11	NORTH 3 OUTBD AJ	Lic 015313		Tare	24900 lb
				Net	43960 lb
				Tons	21.98

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	True # 46

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939904

B. State Generator's ID

5. Transporter 1 Company Name KPS, INC AWMS TRUCKS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850615

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	07/18/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	24.50	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939905	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/18/2013 07:25	NORTH LAB INB RB	lic75936
Out 07/18/2013 07:49	NORTH 4 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	74840 lb
	Tare	25840 lb
	Net	49000 lb
	Tons	24.50

Comments License: 231ed34, MD, Owner: PAYNE INC, Address: 10411 HALL INDUSTRIAL DRIVE FREDE

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK # 501

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939905

B. State Generator's ID

5. Transporter 1 Company Name: RAYNE AWMS TRANSP.

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850793

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/18/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	179.93	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939906	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/18/2013 10:42	NORTH LAB INB RB	lic75936	Inbound	Gross	72060 lb
Out 07/18/2013 11:14	NORTH 2 OUTBO DW	Lic 061464		Tare	25760 lb
				Net	47100 lb
				Tons	23.55

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons-	100	23.55	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	Trvac No. 66

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939906
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KEYS, INC. ANIMAS TRANS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494		H. State Facility Phone
GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22,000	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850947

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/18/2013	Vehicle#	36 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	42.17	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939907	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	72480 lb
In 07/18/2013 13:38	NORTH LAB INB RB	lic75936		Tare	34620 lb
Out 07/18/2013 14:08	NORTH 4 OUTBO KS	LIC 76012		Net	37860 lb
				Tons	18.93

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK SNT 2

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939907
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
TTI, Inc AWMS TRUNS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	PT	1	EST 22000	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850892

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/18/2013	Vehicle#	36
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	23.24	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939908	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/18/2013 12:48	NORTH LAB INB	AK LIC#73712
Out 07/18/2013 13:23	NORTH 4 OUTBD	KS LIC 76012

Operation Type-Inbound

Inbound		
	Gross	84700 lb
	Tare	38220 lb
	Net	46480 lb
	Tons	23.24

Comments License: 738F59, MD, Owner: TOMAR TRUCKING, Address: 8420 WARREN DR POMFRET, MD, 2

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of TC # T36

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939908

B. State Generator's ID

5. Transporter 1 Company Name: TTI, Inc AWMS Trans

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	LT	1	G 20,000	
b.					

WASTE MANAGEMENT

9

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850895

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	59 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	200.86	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NOM HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939909	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/18/2013 12:50	NORTH LAB INB AK LIC#73712
Out	07/18/2013 13:13	NORTH 4 OUTBO KS LIC 76012

Operation Type-Inbound
Inbound

Gross	66680 lb
Tare	24820 lb
Net	41860 lb
Tons	20.93

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	TRUCK # 59

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939909

B. State Generator's ID

5. Transporter 1 Company Name
ICBS, INC. AWMSTRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22,000	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 851278

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 07/19/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 44.27
Man Tk#
PO

Vehicle# 45 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 1939910
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/19/2013 08:51	NORTH LAB INB	RB lic75936
Out 07/19/2013 09:16	NORTH 4 OUTBO	KS LIC 76012

Operation Type-Inbound

Inbound	Gross	68580 lb
	Tare	25860 lb
	Net	42720 lb
	Tons	21.36

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	TRUCK # 45

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939910
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, Inc Ammstrong		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	12T	1	EST 2200	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851024

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	265.01	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939911	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/18/2013 14:46	NORTH LAB INB	RB lic75936
Out 07/18/2013 15:09	NORTH 4 OUTBO	JB3 Lic 066877

Operation Type-Inbound
Inbound

Gross	66540 lb
Tare	25720 lb
Net	40820 lb
Tons	20.41

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TR + 71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939911

B. State Generator's ID

5. Transporter 1 Company Name: KBS, Inc AWMS TONS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	ET	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851020

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/18/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	284.10	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL) .
EPA ID	N/A	Waste #	006
Manifest	1939912	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 07/18/2013 14:44	NORTH LAB INB RB	lic75936	Inbound	Gross	64080 lb
Out 07/18/2013 15:15	NORTH 2 OUTBO JB2	Lic 017804		Tare	25900 lb
				Net	38180 lb
				Tons	19.09

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons- 100		19.09	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	Tkt# 73

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939912
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, Inc Arrow Roads		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	G ZZT	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 851012

Ph:

Customer: ND TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 07/18/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 224.76
Man Tk#
PO

Vehicle# 46 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 1939913
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/18/2013 14:39	NORTH LAB INB	RB lic75936
Out 07/18/2013 15:02	NORTH 3 OUTBO	AJ Lic 015313

Operation Type-Inbound

Inbound	Gross	72420 lb
	Tare	24620 lb
	Net	47800 lb
	Tons	23.90

Comments no gold copy

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	Truck 46

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939913
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, Inc Amus Trans		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851017

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/18/2013	Vehicle#	42 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	244.60	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939914	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/18/2013 14:42	NORTH LAB INB RB	lic75936	Inbound	Gross	65440 lb
Out 07/18/2013 15:03	NORTH 4 OUTBO KS	LIC 76012		Tare	25760 lb
				Net	39680 lb
				Tons	19.84

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Trip # 42

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939914

B. State Generator's ID

5. Transporter 1 Company Name: KBS Inc AMWS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	ST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851036

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	305.22	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939915	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/18/2013 15:01	NORTH LAB INB RB lic75936	
Out 07/18/2013 15:28	NORTH 4 OUTBO JB3 Lic 066877	

Operation Type-Inbound

Inbound	Gross	70020 lb
	Tare	27780 lb
	Net	42240 lb
	Tons	21.12

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	Trk# 56

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939915
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, INC ARMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851040

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	65 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	345.03	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939916	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/18/2013 15:04	NORTH LAB INB RB	lic75936
Out 07/18/2013 15:31	NORTH 3 OUTBO AJ	Lic 015313

Operation Type-Inbound

Inbound	Gross	68600 lb
	Tare	25440 lb
	Net	43160 lb
	Tons	21.58

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	Truck # 65

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939916

B. State Generator's ID

5. Transporter 1 Company Name
AKRS IN AMWS TRKS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1	EST TZT	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 851038

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carriers: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/18/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	323.45	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939917	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/18/2013 15:03	NORTH LAB INB	RB lic75936	Inbound	Gross	65740 lb
Out 07/18/2013 15:28	NORTH 2 OUTBO	JB2 Lic 017004		Tare	29280 lb
				Net	36460 lb
				Tons	18.23

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons- 100		18.23	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	Truck #54

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939917

B. State Generator's ID

5. Transporter 1 Company Name: KBS INC, AMWASTE

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851242

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/19/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.91	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939918	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/19/2013 08:04	NORTH LAB INB RB lic75936
Out	07/19/2013 08:24	NORTH 4 OUTBO KS LIC 76012

Operation Type-Inbound

Inbound		
	Gross	71620 lb
	Tare	25800 lb
	Net	45820 lb
	Tons	22.91

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	Tk # 37

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939918
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, Inc. Annina Hauls ~~(FANTHROP)~~ (PA)		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22 T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 851347

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/19/2013		Vehicle#	71	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Accts Tons	85.94		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939919	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/19/2013 10:10	NORTH LAB INB	RB lic75936
Out 07/19/2013 10:39	NORTH 4 OUTBO	KS LIC 76012

Operation Type-Inbound

Inbound	Gross	67320 lb
	Tare	25880 lb
	Net	41440 lb
	Tons	20.72

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	Ticket # 771

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939919

B. State Generator's ID

5. Transporter 1 Company Name
KBS, INC. AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	PT	1	EST ZT	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851345

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/19/2013		Vehicle#	73	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct. Tons	65.22		Driver		
Man Tkt#			Haul Tkt#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939920	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/19/2013 10:16	NORTH LAB INB	RB lic75936
Out 07/19/2013 10:37	NORTH 4 OUTBO	KS LIC 76012

Operation Type-Inbound

Inbound	Gross	60060 lb
	Tare	26160 lb
	Net	41900 lb
	Tons	20.95

Comments:

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	Trial 73

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939920
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, Inc Amws Trans		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 851352

Customer: ND TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/19/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	107.54	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939921	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 07/19/2013 10:21	NORTH LAB INB	RB lic75936	Inbound	Gross	71180 lb
Out 07/19/2013 10:44	NORTH 3 OUTBO	JB3 Lic 066877		Tare	27980 lb
				Net	43200 lb
				Tons	21.60

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TK #56

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939921

B. State Generator's ID

5. Transporter 1 Company Name: K&S, INC

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	ESI ZT	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 852361

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 07/19/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 70.26
Man Tk#
PO

Vehicle# 66 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 1939922
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of, MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/19/2013 11:26	NORTH LAB INB	BS Lic 059717
Out 07/19/2013 11:56	NORTH 3 OUTBO	BS Lic 059717

Operation Type-Inbound
Inbound

Gross	72620 lb
Tare	25640 lb
Net	46980 lb
Tons	23.49

Comments: REPLACEMENT TICKET FOR TICKET # 851407

852361

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK 66

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939922
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
ATTACH KBS INC. AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 852042

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/22/2013	Vehicle#	46 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	23.20	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939923	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	71260 lb
In 07/22/2013 10:26	NORTH LAB INB RB	lic75936		Tare	24860 lb
Out 07/22/2013 11:19	NORTH 3 OUTBO AJ	Lic 015313		Net	46400 lb
				Tons	23.20

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	TRUCK # 46

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939923
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KLS #46		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 852062

Customers: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/22/2013		Vehicle#	71	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	46.86		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939924	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	73220 lb
In 07/22/2013 11:02	NORTH LAB INB	RB lic75936		Tare	25900 lb
Out 07/22/2013 11:34	NORTH 4 OUTBO	KS LIC 76012		Net	47320 lb
				Tons	23.66

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of TK # 171

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939924

B. State Generator's ID

5. Transporter 1 Company Name
KBS Inc, AWMS Trans

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	ES Z.T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 852063

Customer: ND TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/22/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	70.26	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939925	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	72920 lb
In 07/22/2013 11:04	NORTH LAB INB RB	lic75936		Tare	26120 lb
Out 07/22/2013 11:35	NORTH 4 OUTBO KS	LIC 76012		Net	46800 lb
				Tons	23.40

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK #

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939925
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KOS Inc. AWM Trans		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1		1		
b.					

WASTE MANAGEMENT

2

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 854235

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carriers: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/26/2013		Vehicle#	71	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	38.46		Driver		
Man Tk#			Haul Tk#		
PO			Dest	NE	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939927	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/26/2013 07:10	NORTH 1 AB INB	KB Lic:75936
Out 07/26/2013 09:05	NORTH 4 OUTBO	AJ Lic 015313

Operation Type-Inbound

Inbound		
	Gross	68620 lb
	Tare	26060 lb
	Net	42560 lb
	Tons	21.28

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK #271

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939927

B. State Generator's ID

5. Transporter 1 Company Name: KBS, Inc. AWMS Trans

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 854237

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/26/2013	Vehicle#	41 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	17.18	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939928	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/26/2013 07:20	NORTH LAB INB RB	lic75936
Out 07/26/2013 09:03	NORTH 3 OUTBO KS	LIC 76012

Operation Type-Inbound
Inbound

Gross	60380 lb
Tare	26020 lb
Net	34360 lb
Tons	17.18

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK # 41

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939928

B. State Generator's ID

5. Transporter 1 Company Name
KBS, INC AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	E = T 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849099

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/15/2013	Vehicle#	65 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	136.07	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939943	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/15/2013 12:52	NORTH LAB INB RB lic75936
Out	07/15/2013 13:17	NORTH 4 OUTBO KS LIC 76012

Operation Type-Inbound

Inbound	Gross	65880 lb
	Tare	25620 lb
	Net	40260 lb
	Tons	20.13

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939943

B. State Generator's ID

5. Transporter 1 Company Name KBS, INC
AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849452

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/16/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	73.08	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939944	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/16/2013 07:38	NORTH LAB INB RB lic75936
Out	07/16/2013 07:57	NORTH 4 OUTBO KS LIC 76012

Operation Type-Inbound

Inbound		
	Gross	70280 lb
	Tare	25840 lb
	Net	44440 lb
	Tons	22.22

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK NO. 66

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939944

B. State Generator's ID

5. Transporter 1 Company Name: KBS, INC. - AWINS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 849473

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/16/2013	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	97.93	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939945	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/16/2013 08:01	NORTH LAB INB RB lic75936
Out	07/16/2013 08:26	NORTH 4 OUTBD KS LIC 76012

Operation Type-Inbound

Inbound	Gross	75460 lb
	Tare	25760 lb
	Net	49700 lb
	Tons	24.85

Comments License: AG00812, PA, Owner: KBS INC, Address: RT30 & KBS ROAD PO BOX 7 THOMASVILL

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK No 61

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: **410-682-1315**

Generator's Site Address (If different than mailing):

A. Manifest Number: **WMNA** 1939945

B. State Generator's ID

5. Transporter 1 Company Name
KEYS, INC - AWMS TANKS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849420

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: JJMOTORING
1 American Way
Warren, OH, 44484

Tkt Date	07/16/2013		Vehicle#	675	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	50.86		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939946	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/16/2013 07:09	NORTH LAB INB RB	lic75936
Out 07/16/2013 07:43	NORTH 4 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	78900 lb
	Tare	25840 lb
	Net	53060 lb
	Tons	26.53

Comments License: 210ed75, MD, Owner: HOBBS TRUCKING INC, Address: 4410 EMMITSBURG RD FAIRF

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK #

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 302·690·6862 4. Generator's Phone: 410-682-1315		WMNA	1939946
		B. State Generator's ID	

5. Transporter 1 Company Name AWMS TRANS	6. US EPA ID Number	
		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	PT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849425

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: JJMOTORING
1 American Way
Warren, OH, 44484

Tkt Date	07/16/2013	Vehicle#	297 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	24.33	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939947	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In	07/16/2013 07:13	NORTH LAB INB RB	lic75936	Inbound	Gross 73680 lb
Out	07/16/2013 07:42	NORTH 4 OUTBO KS	LIC 76012		Tare 25020 lb
					Net 48660 lb
					Tons 24.33

Comments License: 234ED81, MD, Owner: HOBBS TRUCKING INC, Address: 4410 EMMITSBURG ROAD FAI

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK # 297

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 302-690-6362 4. Generator's Phone: 410-682-1315		WMNA	1939947
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
PAYNE AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849582

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/16/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	120.63	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939948	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/16/2013 10:14	NORTH LAB INB	RB lic75936	Inbound	Gross	71400 lb
Out 07/16/2013 10:38	NORTH 4 OUTBO	JB3 Lic 066877		Tare	26000 lb
				Net	45400 lb
				Tons	22.70

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Truck # 71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939948

B. State Generator's ID

5. Transporter 1 Company Name: KBS, INC. AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 849595

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/16/2013	Vehicle#	65
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	139.77	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939949	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/16/2013 10:32	NORTH LAB INB RB	lic75936
Out 07/16/2013 11:01	NORTH 4 OUTBD JB3	Lic 066877

Operation Type-Inbound

Inbound	Gross	63920 lb
	Tare	25640 lb
	Net	38280 lb
	Tons	19.14

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK #65

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: **410-682-1315**

Generator's Site Address (If different than mailing):

A. Manifest Number: **WMNA** 1939949

B. State Generator's ID

5. Transporter 1 Company Name
KBS, Inc AWMS Trans

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849612

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/16/2013		Vehicle#	37	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004645		License#		
Acct Tons	18.28		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	19309950	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	73340 lb
In 07/16/2013 10:58	NORTH LAB INB	RB lic75936		Tare	36780 lb
Out 07/16/2013 11:34	NORTH 4 OUTBO	JB3 Lic 066877		Net	36560 lb
				Tons	18.28

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK NO. 3

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939950

B. State Generator's ID:

5. Transporter 1 Company Name: TTI, Inc.

6. US EPA ID Number:

C. State Transporter's ID:

D. Transporter's Phone:

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number:

G. State Facility ID:

H. State Facility Phone:

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849757

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/16/2013	Vehicle#	36 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	52.34	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939951	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 07/16/2013 13:17	NORTH LAB INB	RB lic75936	Inbound	Gross	71220 lb
Out 07/16/2013 14:12	NORTH 4 OUTBO	KS LIC 76012		Tare	34280 lb
				Net	36940 lb
				Tons	18.47

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Truck # 136

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939951

B. State Generator's ID

5. Transporter 1 Company Name: TTI, Inc #136

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849672

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	07/16/2013	Vehicle#	37 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	33.87	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939952	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	07/16/2013 11:56	NORTH LAB INB RB lic75936
Out	07/16/2013 12:42	NORTH 4 OUTBD KS LIC 76012

Operation Type-Inbound

Inbound	Gross	65300 lb
	Tare	34120 lb
	Net	31180 lb
	Tons	15.59

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK NO. SNT2

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939952
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
TTI, Inc.		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 049618

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44404

Tkt Date 07/16/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 157.79
Man Tk#
PO

Vehicle# 54 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A
Manifest 1939953
Trailer

Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/16/2013 11:04	NORTH LAB INB RB lic75936	
Out 07/16/2013 11:31	NORTH 3 OUTBO DW Lic 061464	

Operation Type-Inbound
Inbound

Gross	65500 lb
Tare	29460 lb
Net	36040 lb
Tons	18.02

Comments:

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Truck # 54

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939953
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS Inc Awms Tkons		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		G. State Facility ID H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	Est 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 849621

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/16/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	178.43	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939954	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In	07/16/2013 11:05	NORTH LAB INB RB	lic75936	Inbound	Gross 69260 lb
Out	07/16/2013 11:32	NORTH 3 OUTBO DW	Lic 061464		Tare 27900 lb
					Net 41200 lb
					Tons 20.64

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Truck No 5

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939954

B. State Generator's ID

5. Transporter 1 Company Name: KBS, INC.

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 849868

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/16/2013	Vehicle#	45 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	264.34	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939955	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/16/2013 15:02	NORTH LAB INB	AK LIC#73712	Inbound	Gross	72620 lb
Out 07/16/2013 15:34	NORTH 4 OUTBO	KS LIC 76012		Tare	25620 lb
				Net	47000 lb
				Tons	23.50

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Truck #45

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939955

B. State Generator's ID

5. Transporter 1 Company Name: KBS Inc. AWMS Trans

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850120

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	46 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	126.76	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939956	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/17/2013 09:18	NORTH LAB INB RB	lic75936
Out 07/17/2013 09:38	NORTH 4 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	66480 lb
	Tare	24960 lb
	Net	41520 lb
	Tons	20.76

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK # 16

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939956
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS INC. AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	
		E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494		G. State Facility ID
		H. State Facility Phone
GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850050

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	21.17	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939957	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/17/2013 07:27	NORTH LAB INB RB	lic75936
Out 07/17/2013 07:47	NORTH 4 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	68400 lb
	Tare	26060 lb
	Net	42340 lb
	Tons	21.17

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK # 71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939957

B. State Generator's ID

5. Transporter 1 Company Name
KBG, Inc AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 849750

13

Customer: NO TRANS AMERICAN WASTE MGI 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/16/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	198.04	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939958	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/16/2013 13:10	NORTH LAB INB	RB lic75936	Inbound	Gross	65260 lb
Out 07/16/2013 13:51	NORTH 2 OUTBO	JB2 Lic 017004		Tare	26040 lb
				Net	39220 lb
				Tons	19.61

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons-	100	19.61	Tons				MD

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK # 73

3. Generator's Mailing Address: LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 **4. Generator's Phone:** **410-682-1315**	**Generator's Site Address** (If different than mailing):	A. Manifest Number **WMNA** 1939958 B. State Generator's ID
5. Transporter 1 Company Name KBS, INC. AWMS TRANS	**6. US EPA ID Number**	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	**10. US EPA ID Number**	G. State Facility ID H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** **WM Profile #** **473997PAE**	1	PT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 849776

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/16/2013	Vehicle#	59 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	240.84	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939959	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/16/2013 13:37	NORTH LAB INB RB	lic75936
Out 07/16/2013 13:59	NORTH 2 OUTBO JB2	Lic 017804

Operation Type-Inbound
Inbound

Gross	66420 lb
Tare	24780 lb
Net	41640 lb
Tons	20.82

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons- 100		20.82	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of Truck #59

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939959
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS, INC. AWMS Trans		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	6ST 22T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 849772

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 07/16/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 220.02
Man Tk#
PO

Vehicle# 66
Trailer#
License#
Driver
Haul Tk#
Dest N2

Volume

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 1939960
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 07/16/2013 13:34	NORTH LAB INB RB	lic75936
Out 07/16/2013 13:58	NORTH 2 OUTBO JB2	Lic 017804

Operation Type-Inbound
Inbound

Gross	69500 lb
Tare	25540 lb
Net	43960 lb
Tons	21.98

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons- 100		21.98	Tons				

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK No 66

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939960
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, Inc AWMS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494		G. State Facility ID
		H. State Facility Phone
GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	E ST	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 049096

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/16/2013		Vehicle#	42	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	285.92		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939961	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/16/2013 15:38	NORTH LAB INB	AK LIC#73712
Out 07/16/2013 16:04	NORTH S INBOU	DW Lic 061464

Operation Type-Inbound
Inbound

Gross	68920 lb
Tare	25760 lb
Net	43160 lb
Tons	21.58

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRUCK No 47

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939961

B. State Generator's ID

5. Transporter 1 Company Name: KBSS, INC AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	PT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850064

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013		Vehicle#	65	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	85.40		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939962	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	70160 lb
In 07/17/2013 07:44	NORTH LAB INB	RB lic75936		Tare	25660 lb
Out 07/17/2013 08:11	NORTH 3 OUTBO	AJ Lic 015313		Net	44500 lb
				Tons	22.25

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK # C5

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939962
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KRAS INC AWMS TRNSP		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	BT	1	EST 22 T	
b.					

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 850061

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/17/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	63.15	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939988	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/17/2013 07:42	NORTH LAB INB	RB lic75936
Out 07/17/2013 08:09	NORTH 3 OUTBO	AJ Lic 015313

Operation Type-Inbound
Inbound

Gross	68760 lb
Tare	29580 lb
Net	39180 lb
Tons	19.59

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	TRUCK # 54

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939988

B. State Generator's ID

5. Transporter 1 Company Name
KBS Inc, AWMS Trans

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b.					

TRACTOR # 1001

TRAILER # R1001

DRIVER : GEORGE OWENS IV

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 184643
PRINTED 7/25/2013 BOOKED HAMMO

NJ DEP PERMIT # 16092

DECAL # 11696

MANIFEST # NA

SHIPPER:

CONSIGNEE:

[SJWOO] SJ TRANSPORTATION CO., INC.
P.O. BOX 169
1176 US. RT 40
WOODSTOWN NJ 08098

(800) 521-2552

[LOCMID] LOCKHEED
2323 EASTERN BLVD

MIDDLE RIVER MD 21220

KEN JEFFERY
(302) 521-4907

TRAILER TYPE: ROLL	PICKUP DATE 07/26/2013	DELIVER DATE 07/26/2013	GROSS WT
UNIT:	TIME 08:30	TIME 10:00	TARE WT
IN # ____ OUT # 2649	IN 7:00 OUT 7:20	IN 8:55 OUT 10:00	NET WT

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

DESCRIPTION:

GAL LOAD ____

ORDER REF #'S:

TRACTOR # 1002

TRAILER # R1002

DRIVER : BARRY BOBBITT

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629076

ORDER # 182817
PRINTED 7/1/2013 BOOKED JLIGH

NJ DEP PERMIT # _____

DECAL # _____

MANIFEST # _____

SHIPPER:

[SJWOO] SJ TRANSPORTATION CO., INC.
P.O. BOX 169
1176 US. RT 40
WOODSTOWN,NJ 08098

(800) 524-2552

CONSIGNEE:

[LOCMID] LOCKHEED
2323 EASTERN BLVD

MIDDLE RIVER,MD 21220

KEN JEFFERY
(302) 521-4907

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # 3032

PICKUP DATE 07/01/2013
TIME 12:00
IN 1130 OUT 1145

DELIVER DATE 07/01/2013
TIME ~~14:00~~
IN 1345 OUT _____

GROSS WT _____
TARE WT _____
NET WT _____

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):
load box with liner

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):
spot box with a liner

DESCRIPTION:

GAL LOAD _____

ORDER REF #'S:

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/18/13 as described on Shipping Document number 005997194JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166151601
CWM Unit #: 1*0
Disposal Date: 07/18/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366293
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199671

SCALE 1

Cubic Yards

81661516

Receipt # | Trailer License Plate # and State

GROSS 79340 LB

Service Req. # | Profile # | Permit #

Transporter Name | Tractor/Trailer/Roll-off #

Driver's Name | Generator

SCALE 2

GROSS 31420 LB

47920P
21736K

Scheduled Arrival: Date | Time

Actual Arrival: Date | Time In | Time Out

08:25 AM 07/18/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory: Time In | Time Out | Initials | Comments

Stabilization: Time In | Time Out | Initials | Gross Wt. | Comments

Landfill: Time In | Time Out | Initials | Comments

Other: Time In | Time Out | Initials | Comments

Aqueous Treatment: Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 005997194 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORP.
2323 EASTERN BLVD.
BALT, MD 21220
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD 987 347515 (KAJ)

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC
1550 BALMER RD
MODEL CITY NY 14107
Facility's Phone:
U.S. EPA ID Number:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ UN3432, POLYCHLORINATED BIPHENYLS SOLIDS, 9. PGIII, RQ	1	PT	EST 22000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
~~1. MDCYN~~ (KAJ) 1. MDCNY304301 WID: 53052 recd 21736K 81661516 SR1007832-03
OUT OF SERVICE DATE 7/17/2013 waste ID = soil w/PCBs 7/18/1

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR.
Signature: [signature]
Month 07 Day 17 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Larry K Jespersen
Signature: [signature]
Month 7 Day 17 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 18 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/19/13 as described on Shipping Document number 010677948JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166154201
CWM Unit #: 1*0
Disposal Date: 07/19/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366317
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199695

Cubic Yards

81661542
Receipt #

PT 6762
Trailer License Plate # and State

GROSS 81640 LB

Service Req. # | Profile # | Permit #

08:08 AM 07/19/13

Transporter Name | Tractor/Trailer/Roll-off #

GROSS 33500 LB

Driver's Name | Generator

48140P
21836K

Scheduled Arrival: Date | Time

08:08 AM 07/19/13

Actual Arrival: Date | 528 Time In | Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials | Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010677948 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, (RQ)	1	DT	FA 22,000	K	B007	MX01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052 WASTE ID SOILS WITH PCBS CONT ID # 81661542
OUT OF SERVICE DATE 7-18-13 recd 21836K SR1007832-01

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. Signature: [signature] Month: 07 Day: 18 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Edward Hicks Signature: [signature] Month: 07 Day: 18 Year: 13

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski Signature: [signature] Month: 7 Day: 19 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/19/13 as described on Shipping Document number 010677949JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166155001
CWM Unit #: 1*0
Disposal Date: 07/19/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366323
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199702

50
Cubic Yards

GROSS 83220 LB

81661550
Receipt #

AB73966 N.Y.
Trailer License Plate # and State

06:35 AM 07/19/13
SCALE 2

1007832-02
Service Req. #

Profile #

PA 242
Permit #

US Bulk Transport
Transporter Name

197-197A
Tractor/Trailer/Roll-off #

Randy Akin
Driver's Name

Lock Heed Martin Corp
Generator

GROSS 34500 LB

48720P
22099K

Scheduled Arrival: _____ Date _____ Time

08:37 AM 07/19/13

Actual Arrival: _____ Date _____ Time In _____ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper tarping or detarpin

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	973-903-7022	010677949 JJK

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGIII, RQ	1	DT	EST 22000	K	B007	MX01	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1. MDCNY304301 WID: 53052 WASTE ID SOILS WITH PCBS CONT ID # 81661550
OUT OF SERVICE DATE 7-18-13
recd 22099K SR1007832-02

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY JR — Signature — Month 07 Day 18 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Randy Allen — Signature — Month 07 Day 18 Year 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature — Month 7 Day 19 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/18/13 as described on Shipping Document number 010679146JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166152001
CWM Unit #: 1*0
Disposal Date: 07/18/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366297
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199675

SCALE 1

Cubic Yards

81661520 — Receipt #
PT0719K PA — Trailer License Plate # and State
GROSS 84920 LB
1007832-02 — Service Req. #
Profile #
PA 242 — Permit #
07:03 AM 07/18/13
US BULK TRANSPORT — Transporter Name
161 161B — Tractor/Trailer/Roll-off #
SCALE 2
TOM WHITEHILL — Driver's Name
LOCKHEED MARTIN — Generator
GROSS 33300 LB

51620P
23415K

Scheduled Arrival: _____ Date _____ Time

Actual Arrival: _____ Date 646 Time In _____ Time Out 08:44 AM 07/18/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: _____ Initials _____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory _____ Time In _____ Time Out _____ Initials AC _____ Comments

Stabilization _____ Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments

Landfill _____ Time In _____ Time Out _____ Initials _____ Comments

Other _____ Time In _____ Time Out _____ Initials _____ Comments

Aqueous Treatment _____ Time In _____ Time Out _____ Signature (NO Initials) _____ Comments

Facility Personnel (*please initial*)

_____ Smoking or eating in prohibited areas
_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel
_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE
_____ Improper tarping or detarpin
_____ Unsafe driving practices
_____ Overweight upon arrival
_____ Other (specify) _____

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679146 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC.
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated biphenyls, solids, 9, PGII (RQ) (VA)	1	DT	EST 22,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-17-13
recd 23415K 8166152
SR1007832-02
waste ID = Soil w PCBs 98 7/18/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am tha Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR
Signature
Month 07 Day 17 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: THOMAS J WHITEHILL
Signature
Month 07 Day 17 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinski
Signature: Jody Partinski
Month 7 Day 18 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
(716) 286-1550
(716) 286-0211 Fax

LOCKHEED MARTIN CORP
ATTN: MICHAEL MUSHENO
MDR000524413
2323 EASTERN BLVD
MIDDLE RIVER MD 21220

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from LOCKHEED MARTIN CORP on 07/18/13 as described on Shipping Document number 010679147JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY304301
CWM Tracking ID: 8166151901
CWM Unit #: 1*0
Disposal Date: 07/18/13

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 366296
07/22/13

For questions please call
our Customer Service Dept.
at (800) 843-3604

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

199674

SCALE 2

Cubic Yards

8/66/519 — Receipt #

PT3789L / PA — Trailer License Plate # and State

GROSS 82300 LB

Service Req. # — Profile # — PA 242 Permit #

US BULK — Transporter Name

133/133A — Tractor/Trailer/Roll-off #

07:01 AM 07/18/13
SCALE 2

DAVE CONFER — Driver's Name

LOCKHEED MARTIN — Generator

49640P
22517K

GROSS 32660 LB

Scheduled Arrival: Date — Time

Actual Arrival: Date — 645 Time In — Time Out

08:39 AM 07/18/13

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials — Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In — Time Out — Initials — Comments

Stabilization — Time In — Time Out — Initials — Gross Wt. — Comments

Landfill — Time In — Time Out — Initials — Comments

Other — Time In — Time Out — Initials — Comments

Aqueous Treatment — Time In — Time Out — Signature (NO Initials) — Comments

Facility Personnel (*please initial*)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: 973-903-7022
4. Manifest Tracking Number: 010679147 JJK

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: (410)682-1315

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: US BULK TRANSPORT, INC
U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC.
1550 BALMER RD. MODEL CITY NY 14107
Facility's Phone: (716)286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ UN3432, Polychlorinated biphenyls. solids,9, PGIII RQ (KM)	1	DT	EST 2000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. MDCNY304301 WID: 53052
OUT OF SERVICE DATE 7-17-13 EX1007832-01
recd 22517K 81661519
waste ID = soil w/PCBs 7/18/13

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY JR
Signature: Kenneth A. Jeffrey
Month 07 Day 17 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID CONFER
Signature: [signature]
Month 7 Day 17 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month 7 Day 18 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

2

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 856009

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/30/2013	Vehicle#	45 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	39.60	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-907 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939926	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/30/2013 12:22	NORTH LAB INB RB	lic75936	Inbound	Gross	68300 lb
Out 07/30/2013 12:57	NORTH 4 OUTBD BK	Lic 0655330		Tare	25900 lb
				Net	42400 lb
				Tons	21.20

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.20	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard Ln	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TRUCK No. 975

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939926

B. State Generator's ID:

5. Transporter 1 Company Name: KBS, INC. AMWS TRANS

6. US EPA ID Number:

C. State Transporter's ID:

D. Transporter's Phone:

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number:

G. State Facility ID:

H. State Facility Phone:

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	PT	1	EST TN	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFREY JR.		07	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		07	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 856007

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	07/30/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	18.48	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939929	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In	07/30/2013 12:21	NORTH LAB INB RB	lic75936	Inbound	Gross 62620 lb
Out	07/30/2013 12:42	NORTH 3 OUTBO KS	LIC 76012		Tare 25660 lb
					Net 36960 lb
					Tons 18.48

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.48	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wayne 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TRUCK No 2

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939929

B. State Generator's ID

5. Transporter 1 Company Name
KBS, INC AMWS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22 Tons	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A JEFFERY, JR	[signature]	07	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]		7	30	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 856447

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/31/2013	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	23.64	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939930	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 07/31/2013 08:13	NORTH LAB INB RB	lic75936
Out 07/31/2013 08:33	NORTH 3 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	73040 lb
	Tare	25760 lb
	Net	47280 lb
	Tons	23.64

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.64	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wayne 69

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TRUCK# 69

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939930
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS, INC. AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	~~EST~~ 22T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH J. JEFFERY JR.	[signature]	07	18	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]		7	20	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 856442

2

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	07/31/2013	Vehicle#	45 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	41.49	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939932	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 07/31/2013 08:10	NORTH LAB INB	RB lic75936	Inbound	Gross	61560 lb
Out 07/31/2013 08:33	NORTH 4 OUTBO	BK Lic 865530		Tare	25860 lb
				Net	35700 lb
				Tons	17.85

Comments

Product		ID%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc Tons	100	17.85	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVRt-1-Standard Fn	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of Truck # 2

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number: WMNA 1939932
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 4. Generator's Phone: 410-682-1315		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS Inc. AMW TPA		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
KEN [illegible]	[signature]	07	31	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

2

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 858739

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/05/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	20.05	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939934	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 08/05/2013 10:52	NORTH LAB INB	RB lic75936	Inbound	Gross	65760 lb
Out 08/05/2013 11:19	NORTH 4 OUTBO	SK Lic 056734		Tare	25660 lb
				Net	40100 lb
				Tons	20.05

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.05	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagner 09

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Truck # 69

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939934
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A. Jeffrey Jr.	[signature]	08	05	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Frank Wagaman	Frank Wagaman	8	5	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	8	5	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

2

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 858799

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/05/2013	Vehicle#	64 Volume 30.0
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	40.77	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939935	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/05/2013 11:50	NORTH LAB INB RB	lic75936
Out 08/05/2013 12:19	NORTH 3 OUTBO AJ	Lic 015313

Operation Type-Inbound

Inbound	Gross	67120 lb
	Tare	25680 lb
	Net	41440 lb
	Tons	20.72

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.72	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST 2

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. — Manifest Doc No.	2. Page 1 of	TRUCK #64

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939935
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KPS #64		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	ST 22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A. Lacey	Kenneth A. Lacey	08	05	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		8	5	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

2

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 859208

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/06/2013	Vehicle#	372 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	26.60	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Was#	006
Manifest	1939936	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/06/2013 07:54	NORTH LAB INB KS	LIC 76012
Out 08/06/2013 08:36	NORTH 3 OUTBO SK	Lic 056734

Operation Type-Inbound

Inbound	Gross	82740 lb
	Tare	29540 lb
	Net	53200 lb
	Tons	26.60

Comments License: pvs4894, OH, Owner: payne trucking company, Address: 1635 e 6th st ashtab

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	26.60	Tons				MD
2	FUEL-Fuel Surcharg	100		%				
3	EVFt-L-Standard En	100	1	Load				

Total Tax
Total Ticket

Weighmaster: _____ Driver: Matt

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Truck #512

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939936
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Payne, AWMS, Temp		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY		01	05	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		01	05	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 859276

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/06/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	40.00	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939937	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/06/2013 08:41	NORTH LAB INB KS	LIC 76012
Out 08/06/2013 09:07	NORTH 3 OUTBO SK	Lic 056734

Operation Type-Inbound

Inbound	Gross	68740 lb
	Tare	25780 lb
	Net	42960 lb
	Tons	21.48

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.48	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmasters: _____ Drivers: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Truck # 301

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939937
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
PAYNE, AWING TRANSP.		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH [illegible]	[signature]	05	05	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Tim Sankel	[signature]	5	5	15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Mark Schocke	Received	05	05	15

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

TRACTOR # 1002

TRAILER # R1002

DRIVER : BARRY BOBBITT

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 185576
PRINTED 8/19/2013 BOOKED KELDE

NJ DEP PERMIT # _____

DECAL # _____

MANIFEST # _____

SHIPPER:

[SJWOO] SJ TRANSPORTATION CO., INC.
P.O. BOX 169
1176 US. RT 40
WOODSTOWN,NJ 08098

(800) 524-2552

CONSIGNEE:

[LOCMID] LOCKHEED
2323 EASTERN BLVD

MIDDLE RIVER,MD 21220

KEN JEFFERY
(302) 521-4907

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # 3036

PICKUP DATE 08/20/2013
TIME 11:00
IN 905 OUT 940

DELIVER DATE 08/20/2013
TIME 13:00
IN 1115 OUT 1150

GROSS WT _____
TARE WT _____
NET WT _____

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

3036

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

DESCRIPTION:

GAL LOAD _____

ORDER REF #'S:

SPECIAL INSTRUCTIONS:
spot a 30yd sj box with a liner

95 south to Exit 67A onto Route 43
Whitemarsh Blvd. Make Right onto Eastern Blvd.

CONTACT : Cliff D

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN,OH 44489

RUDY STRENG (330) 856-8800

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SHIPPER _____ DATE _____

CONSIGNEE [signature] DATE 8/20/13

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

PERSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE HAZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION OR WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER : [signature]
DATE : 8-20-13

TRACTOR # 1002

TRAILER # R1002

DRIVER : BARRY BOBBITT

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 185728
PRINTED 8/20/2013 BOOKED KELDE

NJ DEP PERMIT # _____

DECAL # _____

MANIFEST # _____

SHIPPER:

[SJWOO] SJ TRANSPORTATION CO., INC.
P.O. BOX 169
1176 US. RT 40
WOODSTOWN,NJ 08098

(800) 524-2552

CONSIGNEE:

[LOCMID] LOCKHEED
2323 EASTERN BLVD

MIDDLE RIVER,MD 21220

KEN JEFFERY
(302) 521-4907

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # 3043

PICKUP DATE 08/21/2013
TIME ~~04:00~~ 4 00
IN 3 ~~45~~ OUT _____

DELIVER DATE 08/21/2013
TIME ~~06:00~~
IN 5 ~~45~~ OUT 6 25

GROSS WT _____
TARE WT _____
NET WT _____

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

3043

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

spot box with liner

DESCRIPTION:

GAL LOAD _____

ORDER REF #'S:

SPECIAL INSTRUCTIONS:
spot a 30yd sj box with a liner meet Ken between the Exxon and Ball fields
Ken 302-690-6862

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN,OH 44489

CONTACT : Cliff D

RUDY sTRENG (330) 856-8800

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SHIPPER _____ DATE _____

CONSIGNEE _____ DATE 8/21/13

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

PERSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE HAZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION OR WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER : _____
DATE : 8-21-13

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 863929

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/15/2013	Vehicle#	67 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	20.10	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939941	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/15/2013 10:48	NORTH LAB INB	RB lic75936
Out 08/15/2013 11:25	NORTH 2 OUTBO	AJ Lic 015313

Operation Type-Inbound

Inbound		
	Gross	65800 lb
	Tare	25600 lb
	Net	40200 lb
	Tons	20.10

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.10	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: /

Driver: Bob Hart

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK#67

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD 195 CHESAPEAKE PARK PLAZA
MIDDLE RIVER, MD 21220
ATTN: MIKE MUSHENO 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939941

B. State Generator's ID

5. Transporter 1 Company Name
KBS TRANS AWAY TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	ESI 22T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH JEFFERY	[signature]	02	15	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Bob Hartman	[signature]	3	15	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Bob Burns	[signature]	8	15	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 863932

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/15/2013	Vehicle#	68
Pay Type	Credit Account	Trailer#	
Billing #	0004646	License#	
Acct Tons	38.07	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Chk#

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939963	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/15/2013 10:50	NORTH LAB INB RB lic75936	
Out 08/15/2013 11:27	NORTH 2 OUTBO AJ Lic 015313	

Operation Type-Inbound
Inbound

Gross	61620 lb
Tare	25680 lb
Net	35940 lb
Tons	17.97

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.97	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK# 68

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD 195 CHESAPEAKE PARK PLAZA MIDDLE RIVER, MD 21220 ATTN: MIKE WISHENO 610 656 4012		WMNA	1939963
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS TRANS AWMS TRANS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH JEFFERY	[signature]	08	15	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	08	15	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns	[signature]	8	15	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 863994

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/15/2013	Vehicle#	372
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	62.09	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939965	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	08/15/2013 11:40	NORTH LAB INB AK LIC#73712
Out	08/15/2013 12:19	NORTH 3 OUTBO KS LIC 76012

Operation Type-Inbound
Inbound

Gross	77260 lb
Tare	29220 lb
Net	48040 lb
Tons	24.02

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.02	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Matt

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK# T390

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
~~2323 EASTERN BLVD~~ 195, CHESAPEAKE PARK PLAZA
MIDDLE RIVER, MD 21220
ATTN: MIKE MUSHENO 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939965

B. State Generator's ID

5. Transporter 1 Company Name: PAYNE, AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH JEFFREY	[signature]	08	15	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
MATTHEW SHOWALTER	[signature]	08	15	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 864047

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date 08/15/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 84.90
Man Tk#
PO

Vehicle# 348 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A Waste # 006
Manifest 1939969 Origin #/County MD/Maryland (State of,MD
Trailer Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound	Gross	74940
In 08/15/2013 12:39	NORTH LAB INB	AK LIC#73712		Tare	29320
Out 08/15/2013 13:26	NORTH 3 OUTBO	KS LIC 76012		Net	45620
				Tons	22

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.81	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Ticket 1400

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
ATTN MIKE MUSHENO

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing): 1173 CHESAPEAKE PARK PLAZA 410 656 402

A. Manifest Number: WMNA 1939969

B. State Generator's ID

5. Transporter 1 Company Name: PAYNE, AWMS TRUCK

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1	EST 22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell ____ Level ____ Grid ____

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH MCCOY		05	15	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 865442

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/19/2013	Vehicle#	71
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	60.11	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939967	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/19/2013 12:40	NORTH LAB INB RB	lic75936
Out 08/19/2013 13:19	NORTH 4 OUTBD BK	Lic 065530

Operation Type-Inbound

Inbound		
	Gross	67980 lb
	Tare	26060 lb
	Net	41920 lb
	Tons	20.96

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.96	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
ATTN: MIKE MUSHENO 410 682 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):
1175 CHESAPEAKE PARK PLAZA

A. Manifest Number: WMNA 1939967

B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KEBS, INC. AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. WEIGEL JR		08	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Paul Thomas Hill		08	17	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 865436

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carriers: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/19/2013	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	79.22	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939968	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/19/2013 12:30	NORTH LAB INB RB	lic75936
Out 08/19/2013 13:36	NORTH 4 OUTBO BK	Lic 865530

Operation Type-Inbound
Inbound

Gross	63940 lb
Tare	25720 lb
Net	38220 lb
Tons	19.11

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.11	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Dayhuff 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 4. Generator's Phone: 410-682-1315		WMNA 1939968 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1		1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 865424

4

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/19/2013	Vehicle#	67 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	21.32	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939970	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 08/19/2013 12:31	NORTH LAB INB RD	lic75936	Inbound	Gross	68260 lb
Out 08/19/2013 12:57	NORTH 2 OUTBO JB2	Lic 017804		Tare	25620 lb
				Net	42640 lb
				Tons	21.32

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.32	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Bob Stark

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	#67

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD 195 CHESAPEAKE PARK PLAZA MIDDLE RIVER, MD 21220 ATTN MIKE MUSHENO 610 650 4012		WMNA	1939970
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS #67		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	EST 22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A. [illegible]	[illegible]	08	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible] Bob Hardman	Bob Hardman		19	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]				

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 865435

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 08/19/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 39.15
Man Tk#
PO

Vehicle# 43
Trailer#
License#
Driver
Haul Tk#
Dest N2

Volume

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 1939972
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 08/19/2013 12:37	NORTH LAB INB	RB lic75936
Out 08/19/2013 13:09	NORTH 4 OUTBO	BK Lic 065530

Operation Type-Inbound

Inbound		
	Gross	61420 lb
	Tare	25760 lb
	Net	35660 lb
	Tons	17.83

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.83	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Percy Gehle

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK#: 43

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD FTS CHESAPEAKE PARK PLAZA MIDDLE RIVER, MD 21220 ATTN: MIKE MURFIELD 610 656 4012		WMNA	1939972
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS INC, AWMS		C. State Transporter's ID
		D. Transporter's Phone 717-792-1800
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST CCT	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A [illegible]	[illegible]	08	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	8	19	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	8	19	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869592

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/29/2013	Vehicle#	369 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	27.99	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	11009088	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	84860 lb
In 08/28/2013 07:14	NORTH LAB INB RB	lic75936		Tare	28880 lb
Out 08/28/2013 07:54	NORTH 2 OUTBO LR	Lic 065358		Net	55980 lb
				Tons	27.99

Comments License: PVS4891, OH, Owner: PAYNE TRUCKING COMPANY, Address: 1635 E 6TH ST ASHTAB

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	27.99	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MDR000529615	1	973-703-7022	5609 11 007 011

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
[illegible] EASTERN BLVD BALTIMORE MD 21220
Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
MIKE MUSSELMAN
610-656-4012

6. Transporter 1 Company Name
PAYNE, AWMS

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
WINDSOR LANDFILL
1121 BOYERTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: 215-736-9400

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	EST 22	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. 4730979045 WDY 51230
D14 0411 0377
369- T378

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KEN JEFFREY
Signature: [signature]
Month: 8 Day: 27 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]
Signature: [signature]
Month: 8 Day: 27 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible]
Signature: [signature]
Month: 8 Day: 27 Year: 13

COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 869623

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/28/2013	Vehicle#	66
Pay Type	Credit Account	Chk#	
Billing #	0004646	Trailer#	
Acct Tons	49.98	License#	
Man Tk#		Driver	
PO		Haul Tk#	
		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	11009101	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/28/2013 07:42	NORTH LAB INB RB lic75936	
Out 08/29/2013 08:10	NORTH 2 OUTBO LR Lic 065350	

Operation Type-Inbound
Inbound

Gross	69780 lb
Tare	25800 lb
Net	43980 lb
Tons	21.99

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.99	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
MDK0005[illegible]	1	973-903-7332	11018 44

GENERATOR

5. Generator's Name and Mailing Address

LOCKHEED MARTIN CORPORATION
[illegible] EASTERN BLVD BALTIMORE, MD 21220

Generator's Site Address (if different than mailing address)

MKC MANSHIP
CAS 6556 4-32.

Generator's Phone: [illegible]

6. Transporter 1 Company Name

KBS, AMWS

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

US/GROWS LANDFILL
1121 BORMENTOWN ROAD NORRISVILLE PA 19067

U.S. EPA ID Number

Facility's Phone: (215)736-9400

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Haz Non Regulated Soil	1	DT	22	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1. 473977PAE WID: 51250

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name [illegible] Signature [illegible] Month 8 Day 27 Year 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name [illegible] Signature [illegible] Month Day Year

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name [illegible] Signature Month 8 Day 28 Year 13

169-BLC-O 6 10498 (Rev. 9/09)

COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869662

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	00/28/2013		Vehicle#	45	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	00004646		License#		
Acct Tons	115.39		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-907 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	11009102	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 00/28/2013 00:16	NORTH LAB INB RB	lic75936
Out 00/28/2013 00:50	NORTH 4 OUTBD BK	Lic 065530

Operation Type-Inbound
Inbound

Gross	67060 lb
Tare	26080 lb
Net	40980 lb
Tons	20.49

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.49	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	MDR000524413	1	973-903-7022	~~TK # 45~~ 11009 102

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
195 ~~2385~~ EASTERN BLVD BALTIMORE, MD 21220
Generator's Phone: ~~(410)682-1315~~

Generator's Site Address (if different than mailing address)
MIKE MUSHENO
610 656 4012

6. Transporter 1 Company Name: KBS, AMWS — U.S. EPA ID Number:

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:
WM/GROWS LANDFILL
1121 BORDENTOWN ROAD MORRISVILLE PA 19067
Facility's Phone: (215)736-9400

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non Haz Non Regulated Soil	1	DT	EST 22	T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
1. 473997PAE WID: 51330

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY — Signature: [signature] — Month 8 Day 27 Year 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: GARY KELLER — Signature: [signature] — Month Day Year
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Robert Burns — Signature: [signature] — Month 8 Day 28 Year 13

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870025

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/20/2013	Vehicle#	66
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	158.84	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009157	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/20/2013 14:10	NORTH LAB INB RB lic75936	
Out 08/20/2013 14:44	NORTH 2 OUTBO LR Lic 065350	

Operation Type-Inbound

Inbound	Gross	70960 lb
	Tare	25580 lb
	Net	45380 lb
	Tons	22.69

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.69	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009157

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) MIDDLE RIVER (City) MD (State) 21220

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): TONS

Name of Waste NON-HAZ NON REG.

Special Handling Instructions, if any: 473997 PAE WID: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8-28-13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS, INC - AWMS

ADDRESS: _____

Pick-up Date: 8-28-13 Truck No. 66 Vehicle Lic. No. AGC0809 PO

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bruce Witter

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/28/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 670029

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/28/2013		Vehicle#	69	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	177.18		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009158	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/28/2013 14:21	NORTH LAB INB RB	lic75936
Out 08/28/2013 14:59	NORTH 4 OUTBD BK	Lic 065530

Operation Type-Inbound

Inbound	Gross	62260 lb
	Tare	25580 lb
	Net	36680 lb
	Tons	18.34

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.34	Tons				MD
2	FUEL-Fuel Surchary	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagner 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009158

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244 13

Company Name: LMC (Print or Type) Company Contact: 610-656-4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) MIDDLE RIVER (City) MD (State) 21220

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): TONS

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473997 WID: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/28/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WHD191

COMPANY NAME: KBS, Inc. AWMS

ADDRESS: _____

Pick-up Date: 8-28-13 Truck No. 69 Vehicle Lic. No. PA 160B17

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Frank Wagner

Signature of authorized agent: Frank Wagner

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/28/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870084

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/28/2013	Vehicle#	369
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	196.22	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009159	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/28/2013 15:25	NORTH LAB INB RB	lic75936
Out 08/28/2013 16:17	NORTH 3 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	66780 lb
	Tare	28700 lb
	Net	38080 lb
	Tons	19.04

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.04	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009159

LD# 041065
369/T378

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR 005244 13

Company Name: LMC (Print or Type) Company Contact: MIKE MUSHEWD (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) MIDDLE RIVER (City) MD (State) 21220

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 EST Cubic Yards: — Other (Specify): T

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473997 WID: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/28/13 Signature: _____ (Name and Title) CM

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: RYLE, AWMS

ADDRESS: Hall Industrial Dr. Fredericksburg VA

Pick-up Date: _____ Truck No. _____ Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: _____

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/28/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 870282

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KES KES Building & Property Maint.
1 American Way
Warren, OH, 44484

KES Building & Property Maint.

Tkt Date	08/29/2013		Vehicle#	73	Volume 5
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	19.77		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009160	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/29/2013 08:54	NORTH LAB INB RB lic75936	
Out 08/29/2013 09:51	NORTH 4 OUTBO BK Lic 065530	

Operation Type-Inbound
Inbound

Gross	65780 lb
Tare	26240 lb
Net	39540 lb
Tons	19.77

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.77	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009160

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244 13
G10 GSG 4012

Company Name: LMC (Print or Type) Company Contact: MIKE MINSHEW (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) MIDDLE RIVER (State) MD 21220

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG.

Special Handling Instructions, if any: _____

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/28/13 Signature: _____ CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KDS, INC. AWMS

ADDRESS: P Box 7 Tullytown PA

Pick-up Date: 8/28/13 Truck No. 73 Vehicle Lic. No. AF 79671

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Tim Fuyma

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/29/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870300

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/29/2013		Vehicle#	66	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	42.57		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009161	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/29/2013 10:29	NORTH LAB INB	RB lic75936
Out 08/29/2013 11:26	NORTH 4 OUTBO	SK Lic 856734

Operation Type-Inbound

Inbound	Gross	71320 lb
	Tare	25720 lb
	Net	45600 lb
	Tons	22.80

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.80	Tons				MD
2	FUEL-Fuel Surchary	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009161

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR005 24413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) MIDDLE RIVER (State) MD 21220

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473997 WID: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/29/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC, AWMS

ADDRESS: _____

Pick-up Date: 8-28-13 Truck No. 66 Vehicle Lic. No. A600809 PA

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bruce Witter

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/29/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870430

Customer: NO TRANS AMERICAN WASTE MGT 473997F4E
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/29/2013		Vehicle#	71	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	85.71		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997F4E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009162	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/29/2013 11:29	NORTH LAB INB RB lic75936	
Out 08/29/2013 12:31	NORTH 4 OUTBD SK Lic 056734	

Operation Type-Inbound
Inbound

Gross	67120 lb
Tare	25920 lb
Net	41200 lb
Tons	20.60

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.60	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009162

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA MIDDLE RIVER MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/29/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WH0191

COMPANY NAME: KBS AWMS

ADDRESS: PO Box 7 Thomasville PA 17364

Pick-up Date: 8/29/13 Truck No. 71 Vehicle Lic. No. AF65900

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Paul Martin PERF

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/29/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 870444

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/29/2013		Vehicle#	45	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	105.70		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009163	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In 08/29/2013 11:31	NORTH LAB INB RB 1ic75936		Inbound
Out 08/29/2013 12:34	NORTH 4 OUTBO SK Lic 056734		

Gross	66060 lb
Tare	25920 lb
Net	40140 lb
Tons	20.07

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.07	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009163

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR005 24413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA MIDDLE RIVER MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: – Other (Specify): –

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: _____ Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: PO BOX 7 THOMASVILLE PA

Pick-up Date: 5/29/13 Truck No. 49 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: GARY C KELLER JR

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/09/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870441

Customer: NO TRANS AMERICAN WASTE MGT 473997P0E
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/29/2013		Vehicle#	69	Volume 5
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	65.11		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P0E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009164	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/29/2013 11:30	NORTH LAB INB RB	lic75936
Out 08/29/2013 12:30	NORTH 4 OUTBO SK	Lic 056734

Operation Type-Inbound

Inbound	Gross	70900 lb
	Tare	25720 lb
	Net	45000 lb
	Tons	22.54

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.54	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagaman 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009164

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MBD05 24913

Company Name: LMC (Print or Type) Company Contact: C/O 656 FOR MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESHIRE PARK PLAZA (No.) (Street) MIDDLETOWN (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. —

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/29/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. W110191

COMPANY NAME: LBS

ADDRESS: Box 7 Morrisville 17362

Pick-up Date: 8-29-13 Truck No. 69 Vehicle Lic. No. PA A600512

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Frank Wargo

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/29/13 (DISPOSAL DATE)

Waste Discrepancies: —

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 670655

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN
1 American Way
Warren, OH, 44484

Carrier: TOMAR

Tkt Date	08/29/2013	Vehicle#	36
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004645	License#	
Acct Tons	17.30	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009165	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/29/2013 15:19	NORTH LAB INB RB Lic75936	
Out 08/29/2013 16:04	NORTH 4 OUTBO BS Lic 059717	

Operation Type-Inbound
Inbound

Gross	72640 lb
Tare	38040 lb
Net	34600 lb
Tons	17.30

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.30	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVF-L-Standard Env	100	1.	Load				MD
4	TPF-Transportation	100	1.	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009165

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MRO052443

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MYERS (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) MILLERSVILLE (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/29/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: TOMAR AWMS

ADDRESS: 8420 Warren dr. Pomfret md

Pick-up Date: _____ Truck No. T-36 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Brandon Doisey

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/29/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870916

Customer: M7 TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/30/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.53	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009194	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In 08/30/2013 09:21	NORTH LAB INB RB	lic75936	Inbound
Out 08/30/2013 09:50	NORTH 3 OUTBD KS	LIC 76012	

Gross	71240 lb
Tare	26180 lb
Net	45060 lb
Tons	22.53

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.53	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009194

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MROOS 24413
GID 656402

Company Name: LMC (Print or Type) Company Contact: MIKE MUSHRUD (Print or Type) 1

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) MIDDLE RIVER (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG.

Special Handling Instructions, if any: 473 997 WO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 8/29/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS, AWMS

* ADDRESS: PO Box 7 Thomasville, PA

Pick-up Date: 8-29-13 Truck No. 73 Vehicle Lic. No. F47582D

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

* Print name & title of authorized agent: Tim Fromo Driver

* Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

8/30/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869165

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/27/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	39.79	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939973	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 08/27/2013 11:01	NORTH LAB INB RB lic75936		Inbound	Gross	65540 lb
Out 08/27/2013 11:29	NORTH 3 OUTBO BS Lic 059717			Tare	25920 lb
				Net	39620 lb
				Tons	19.81

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.81	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk # 71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
195 ~~2323~~ EASTERN BLVD
MIDDLE RIVER, MD 21220
ATTN MIKE WUSHENO
610 656 4012

4. Generator's Phone: ~~410-682-1315~~

Generator's Site Address (If different than mailing):

A. Manifest Number: **WMNA** 1939973

B. State Generator's ID

5. Transporter 1 Company Name
CBS #71

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL**	1	DT	1	ESI 22T	
WM Profile # **473997PAE**					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY, JR.	[signature]	08	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Paul Martin AWMS	[signature]	08	27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns	[signature]	8	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 869163

Customer: NO TRANS AMERICAN WASTE MGT 473997F0E
1 American Way
Warren, OH, 44484

Carrier: KES KES Building & Property Maint.
KES Building & Property Maint.

Tkt Date	08/27/2013		Vehicle#	69	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	19.98		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997F0E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939974	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/27/2013 10:59	NORTH LAB INB RB lic75936	
Out 08/27/2013 11:21	NORTH 4 OUTBO SK Lic 056734	

Operation Type-Inbound

Inbound	Gross	65680 lb
	Tare	25720 lb
	Net	39960 lb
	Tons	19.98

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.98	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wayne

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 ATTN: MIKE MUSHELO 4. Generator's Phone: 410-682-1315	ATTN: 610 650-4012	WMNA 1939974 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1		1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A Jeffers Jr.	[signature]	5	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns	[signature]	5	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869213

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/27/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	147.83	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939975	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/27/2013 11:49	NORTH LAB INB AK	LIC#73712
Out 08/27/2013 12:12	NORTH 3 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound		
	Gross	67980 lb
	Tare	26020 lb
	Net	41960 lb
	Tons	20.98

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.98	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Tkt

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	1939975
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS, AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	G/T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY		12	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869190

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/27/2013	Vehicle#	67 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	84.12	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939976	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	08/27/2013 11:32	NORTH LAB INB RB lic75936
Out	08/27/2013 11:56	NORTH 3 OUTBO KS LIC 76012

Operation Type-Inbound
Inbound

Gross	70620 lb
Tare	25520 lb
Net	45100 lb
Tons	22.55

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.55	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Bob Hart

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK# 67

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSICEVO 610 656 4012

195

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939976

B. State Generator's ID

5. Transporter 1 Company Name
KBS AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]			27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	8	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869198

Customer: NO TRANS AMERICAN WASTE MGT 473997PA
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/27/2013	Vehicle#	42 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	126.85	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939977	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/27/2013 11:36	NORTH LAB INB	AK LIC#73712
Out 08/27/2013 12:10	NORTH 4 OUTBO	SK Lic 056734

Operation Type-Inbound

Inbound	Gross	68780 lb
	Tare	25880 lb
	Net	42900 lb
	Tons	21.45

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.45	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
			TK 47

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 410 682 4012
4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939977

B. State Generator's ID

5. Transporter 1 Company Name: KBS AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	ESC 22 T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY		08	27	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Mark Miller		8	30	15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 069221

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KES KES Building & Property Maint.
1 American Way KES Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/27/2013		Vehicle#	45	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	168.04		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939978	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/27/2013 11:56	NORTH LAB INB AK LIC#73712	
Out 08/27/2013 12:19	NORTH 4 OUTBD BK Lic 065530	

Operation Type-Inbound
Inbound

Gross	66300 lb
Tare	25880 lb
Net	40420 lb
Tons	20.21

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	1.00	20.21	Tons				MD
2	FUEL-Fuel Surcharg	1.00		%				MD
3	EVFt-L-Standard En	1.00	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK # 45

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

195

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939978

B. State Generator's ID

5. Transporter 1 Company Name
KBS AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST TT	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 869188

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/27/2013	Vehicle#	64 Volume 30.0
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	105.40	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939979	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 08/27/2013 11:30	NORTH LAB INB	RB lic75936		Gross	68200 lb
Out 08/27/2013 12:08	NORTH 4 OUTBO	SK Lic 056734		Tare	25640 lb
				Net	42560 lb
				Tons	21.28

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.28	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: TOM [signature]

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK 64

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
195 ~~2323~~ EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939979

B. State Generator's ID

5. Transporter 1 Company Name
KBS AWMS TRANS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST CT	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	Ken Jeffery	8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
TOM VISCO AWMS TRANS	Tom Visco	8	27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	8	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869172

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	08/27/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	61.57	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939980	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/27/2013 11:06	NORTH LAB INB RB	lic75936
Out 08/27/2013 11:34	NORTH 4 OUTBO SK	Lic 056734

Operation Type-Inbound
Inbound

Gross	69220 lb
Tare	25660 lb
Net	43560 lb
Tons	21.78

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.78	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939980

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. [illegible]	[signature]	08	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Bruce White	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	8	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869605

Customer: AMERICAN WASTE MGT 473997PAE AMERICAN Carrier: TOMAR
1 American Way
Warren, OH, 44484

Tkt Date	08/20/2013		Vehicle#	36	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004645		License#		
Acct Tons	18.16		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939901	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/20/2013 07:25	NORTH LAB INB RB	lic75936
Out 08/20/2013 08:05	NORTH 4 OUTBD BK	Lic 065530

Operation Type-Inbound
Inbound

Gross	72320 lb
Tare	36000 lb
Net	36320 lb
Tons	18.16

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.16	Tons				MD
2	FUEL-Fuel Surchary	100		%				MD
3	EVF-L-Standard Env	100	1	Load				MD
4	TPF-Transportation	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	TR#

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHENO 610-654-4012		WMNA	1939981
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
TT1		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	1	T 22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JETER		8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Brian Doyle		8	27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869296

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/27/2013	Vehicle#	372
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	192.04	Driver	
Man Tk#		Haul Tk#	
PO		Dest	M2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939902	Origin #/County	MD/Maryland (State of,MD
Trailer	390	Origin Name	Maryland

Date/Time	Scale	Operator
In 08/27/2013 13:05	NORTH LAB INB AK LIC#Z3712	
Out 08/27/2013 14:23	NORTH 4 OUTBD BK Lic 065530	

Operation Type-Inbound
Inbound

Gross	77160 lb
Tare	29160 lb
Net	48000 lb
Tons	24.00

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.00	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	372

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO - 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939982

B. State Generator's ID

5. Transporter 1 Company Name: PAYNE AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	LT	1	EST 22T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
[illegible]	[illegible]	8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
MATTHEW SHAMLER	[illegible] #372	8	27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	8	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869337

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/27/2013	Vehicle#	323 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	216.89	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939983	Origin #/County	MD/Maryland (State of,MD
Trailer	357	Origin Name	Maryland

Date/Time	Scale	Operator
In 08/27/2013 13:47	NORTH LAB INB	AK LIC#73712
Out 08/27/2013 14:25	NORTH 4 OUTBO	BK Lic 065530

Operation Type-Inbound
Inbound

Gross	82000 lb
Tare	32300 lb
Net	49700 lb
Tons	24.85

Comments License: PVE2267, OH, Owner: PAYNE TRUCKING, Address: 1635 E 6TH ST ASHTABULA, OH,

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.85	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk # 323

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSTEAD 410 682 4012		WMNA	1939983
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
PAYNE, AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	LT	1	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFREY		8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Lloyd Cooper		8	27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869384

Customer: NO TRANS AMERICAN WASTE MGT 473997PRE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/27/2013	Vehicle#	377 Volume 60.0
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	240.96	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PRE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939984	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	08/27/2013 14:24	NORTH LAB INB RB lic75936
Out	08/27/2013 15:40	NORTH 3 OUTBO KS LIC 76012

Operation Type-Inbound
Inbound

Gross	78720 lb
Tare	30580 lb
Net	48140 lb
Tons	24.07

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.07	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK 377

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939984

B. State Generator's ID

5. Transporter 1 Company Name
Kayne

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST 22T	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Jeffery	[signature]	8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
R. Burton	[signature]		27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Tunn	[signature]	8	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 0696795

Customer: NO TRANS AMERICAN WASTE MGT 473997P0E Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	08/20/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	136.15	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P0E (GN-367 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939985	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/20/2013 08:47	NORTH LAB INB RB	lic75936
Out 08/20/2013 09:08	NORTH 3 OUTBD SK	Lic 056734

Operation Type-Inbound
Inbound

Gross	67380 lb
Tare	25860 lb
Net	41520 lb
Tons	20.76

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.76	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tic # 501

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHENO 6106564012 **4. Generator's Phone: 410-682-1315**		WMNA	1939985
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
RAILE AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	CY	1	G 22T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY		03	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Jim Seidel		3	27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Richard Burk		4	28	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869657

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/28/2013		Vehicle#	69	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	94.90		Driver		
Plan Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939986	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 08/28/2013 08:10	NORTH LAB INB RB	lic75936	Inbound	Gross	73700 lb
Out 08/28/2013 08:33	NORTH 4 OUTBD BK	Lic 065530		Tare	25700 lb
				Net	48000 lb
				Tons	24.00

Comments: License: AG00012, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD; POBOX 7 THOMASVIL

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.00	Tons				MD
2	FUEL-Fuel Surchary	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wage 09

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK 69

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MILLS MORROWS GD 6750 4012 **4. Generator's Phone: 410-682-1315**		**WMNA** 1939986 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	**10. US EPA ID Number**	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** **WM Profile # 473997PAE**	1	DT	1	T	
b. **WM Profile #**					
c. **WM Profile #**					
d. **WM Profile #**					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Jeffrey		8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 869639

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	08/29/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	70.90	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	1939987	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 08/29/2013 07:56	NORTH LAB INB RB lic75936	
Out 08/29/2013 08:24	NORTH 4 OUTBD BK Lic 065530	

Operation Type-Inbound

Inbound	Gross	67040 lb
	Tare	26000 lb
	Net	41040 lb
	Tons	20.52

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	1.00	20.52	Tons				MD
2	FUEL-Fuel Surcharg	1.00		%				MD
3	EVFt-L-Standard En	1.00	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK #71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHEND GD 6564012

195

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 1939987

B. State Generator's ID

5. Transporter 1 Company Name
KBS AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	1	EST ZZT	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEH JEFFERY	[signature]	8	27	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Paul Martin AWMS	[signature]	8	27	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns	[signature]	8	27	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 873999

7

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 09/06/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 145.02
Man Tk#
PO

Vehicle# 54 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 009023
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

	Date/Time	Scale	Operator
In	09/06/2013 14:33	NORTH LAB INB	AK LIC#73712
Out	09/06/2013 14:57	NORTH 2 OUTBO	JB2 Lic 017804

Operation Type-Inbound

Inbound	Gross	64620 lb
	Tare	29300 lb
	Net	35320 lb
	Tons	17.66

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.66	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Backes

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009023

NON-HAZARDOUS WASTE MANIFEST STEEL BODY

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052441 3

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) BALT (City) MD (State) 21220

Telephone Number: 973 703 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST). Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 MD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 7/6/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: THOMASVILLE PA

Pick-up Date: 9-6-13 Truck No. 54 Vehicle Lic. No. AF91222

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: JIM BECKER

Signature of authorized agent: Jim Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9-6-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 873997

7

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/06/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	127.36	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009025	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/06/2013 14:30	NORTH LAB INB	AK LIC#73712
Out 09/06/2013 14:55	NORTH 2 OUTBO	JB2 Lic 017804

Operation Type-Inbound

Inbound	Gross	72900 lb
	Tare	27780 lb
	Net	45120 lb
	Tons	22.56

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.56	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chuck Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009025

NON-HAZARDOUS WASTE MANIFEST STEEL BODY

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDD052443

Company Name: LMC (Print or Type) Company Contact: 610 086 908 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) ALT MD (City) 21220 (State)

Telephone Number: 973 703 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/6/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: PO Box 7 Thomasville PA 17364

Pick-up Date: 9-6-13 Truck No. 56 Vehicle Lic. No. AF47919

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chuck Becker

Signature of authorized agent: Chuck Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9-6-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 871847

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date 09/03/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 20.44
Man Tk#
PO

Vehicle# 369 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A
Manifest 009166
Trailer

Waste # 006
Origin #/County MD/Maryland (State of, MD
Origin Name Maryland

Date/Time	Scale	Operator
In 09/03/2013 10:39	NORTH LAB INB RB	lic75936
Out 09/03/2013 11:27	NORTH 2 OUTBO JB2	Lic 017804

Operation Type-Inbound
Inbound

Gross	69220 lb
Tare	28340 lb
Net	40880 lb
Tons	20.44

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.44	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009166

LDF 04106S2
369/T378

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052441 3
610 658 4012

Company Name: LMC (Print or Type) Company Contact: MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) MIDDLE RIVER (City) MD 21220 (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9-03-13 Signature: _____ CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: PAINE AWMS

ADDRESS: FREDERICKSBURG VA.

Pick-up Date: _____ Truck No. 369 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: KENNETH S. CAVE

Signature of authorized agent: Kenneth S. Cave

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/3/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

5

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 871942

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/03/2013	Vehicle#	67 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	80.67	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Operator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009168	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/03/2013 11:55	NORTH LAB INB	AK LIC#73712
Out 09/03/2013 12:20	NORTH 3 OUTBO	KS LIC 76012

Operation Type-Inbound
Inbound

Gross	69640 lb
Tare	25540 lb
Net	44100 lb
Tons	22.05

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.05	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Bob Hart

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009168

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) MIDDLE RIVER (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WO: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/3/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WH0191

COMPANY NAME: KBS Inc

ADDRESS: Box 7 Thomasville, Pa

Pick-up Date: 9/3/13 Truck No. 67 Vehicle Lic. No. AG-15756

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bob Hartman

Signature of authorized agent: Bob Hartman

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9-3-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road.
Morrisville, PA, 19067 Ph:

Original
Ticket# 872048

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/03/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	101.91	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009169	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/03/2013 13:24	NORTH LAB INB RB	lic75936
Out 09/03/2013 13:55	NORTH 2 OUTBO JB2	Lic 017804

Operation Type-Inbound

Inbound	Gross	68500 lb
	Tare	26020 lb
	Net	42480 lb
	Tons	21.24

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.24	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009169

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052 4413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 Chesapeake Park Plaza Middle River MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/3/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS Inc.

ADDRESS: PO Box 7 Thomasville

Pick-up Date: 9-3-13 Truck No. 73 Vehicle Lic. No. F 47582D

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Jim Freyman

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/3/13 (DISPOSAL DATE)

Waste Discrepancies: —

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 871892

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/03/2013	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	37.66	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009170	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/03/2013 11:17	NORTH LAB INB RB	lic75936
Out 09/03/2013 11:35	NORTH 4 OUTBO BK	Lic 0655530

Operation Type-Inbound
Inbound

Gross	60160 lb
Tare	25720 lb
Net	34440 lb
Tons	17.22

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.22	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wayne 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009170

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR 005 24413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA MIDDLE RIVER (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/3/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WHO 191

COMPANY NAME: [illegible]

ADDRESS: Box 1 Thomasville 17364

Pick-up Date: 9 3 13 Truck No. 69 Vehicle Lic. No. PA A60081

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Frank Wagaman

Signature of authorized agent: Frank Wag[illegible]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/3/13 (DISPOSAL DATE)

Waste Discrepancies: [signature]

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 871888

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carriers: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/03/2013	Vehicle#	71
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	50.62	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009171	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/03/2013 11:15	NORTH LAB INB RB	Lic75936
Out 09/03/2013 11:37	NORTH 4 OUTBO BK	Lic 065530

Operation Type-Inbound
Inbound

Gross	67040 lb
Tare	25920 lb
Net	41920 lb
Tons	20.96

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.96	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009171

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) MIDDLE RIVER (State) MD 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/3/13 Signature: Kenneth G. [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WH0191

COMPANY NAME: KBS AWMS

ADDRESS: PO Box 9 Thomasville PA 17364

Pick-up Date: 9/5 Truck No. 71 Vehicle Lic. No. AF65900

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: [signature] FRF

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/3/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 873020

7

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/05/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.32	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009172	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/05/2013 07:37	NORTH LAB INB RB lic75936		Inbound	Gross	70520 lb
Out 09/05/2013 08:03	NORTH 4 OUTBO BS Lic 059717			Tare	25880 lb
				Net	44640 lb
				Tons	22.32

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.32	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009172

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052443

Company Name: LMC (Print or Type) Company Contact: 610 696 4012 MIKE MISHENKO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) MIDDLE RIVER (City) MD (State) 21220

Telephone Number: 903 973 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ (NN RR)

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/4/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: PAYNE ARMS

ADDRESS: _____

Pick-up Date: 4 Sept 13 Truck No. 301 Vehicle Lic. No. 231ED34 md

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: J. M. Sendel

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/5/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 872417

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date/	09/04/2013	Vehicle#	340
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.14	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-907 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009173	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/04/2013 07:44	NORTH LAB INB RB lic75936	
Out 09/04/2013 08:28	NORTH 4 OUTBD BK Lic 065530	

Operation Type-Inbound

Inbound	Gross	73600 lb
	Tare	29400 lb
	Net	44200 lb
	Tons	22.14

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.14	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009173

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052443

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MISHENO (Print or Type)

Pick-up Address 195 (No.) CHERRYDALE (Street) PARK PLAZA MIDDLE RIVER (City), MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 09/03/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. 1406

COMPANY NAME: PAYNE

ADDRESS: _____

Pick-up Date: _____ Truck No. 348 Vehicle Lic. No. 83-453 VA

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Michael Carter

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/4/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 873197

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/05/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	65.70	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009174	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/05/2013 11:21	NORTH LAB INB	RB lic75936	Inbound	Gross	66460 lb
Out 09/05/2013 11:53	NORTH 4 OUTBO	SK Lic 056734		Tare	29400 lb
				Net	37060 lb
				Tons	18.53

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.53	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Bocher

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009174

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MRD052444 13 610 656 4012

Company Name: LMC (Print or Type) Company Contact: MIKE MIVSHENJO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) BALT (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. ____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473-997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. ____

COMPANY NAME: KRS INC

ADDRESS: THOMASVILLE PA

Pick-up Date: 9-5-13 Truck No. 54 Vehicle Lic. No. AF91222

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: JIM BECKER

Signature of authorized agent: Jim Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9-5-13 (DISPOSAL DATE)

Waste Discrepancies: ____

Signature of authorized agent and title: ____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 873130

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/05/2013	Vehicle#	348 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	47.17	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009175	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/05/2013 09:57	NORTH LAB INB	RB lic75936
Out 09/05/2013 10:22	NORTH 4 OUTBO	SK Lic 056734

Operation Type-Inbound

Inbound	Gross	78800 lb
	Tare	29100 lb
	Net	49700 lb
	Tons	24.85

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.85	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009175

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052441B

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUCHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA BALT MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WO: 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: PAYNE

ADDRESS: _____

Pick-up Date: _____ Truck No. 348 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Michael Carter

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/5/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road"
Morrisville, PA, 19067 Ph:

Original
Ticket# 873230

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/05/2013	Vehicle#	45 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	101.76	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009176	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/05/2013 12:04	NORTH LAB INB RB lic75936	
Out 09/05/2013 12:28	NORTH 4 OUTBO SK Lic 056734	

Operation Type-Inbound

Inbound	Gross	60420 lb
	Tare	25920 lb
	Net	34500 lb
	Tons	17.25

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.25	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009176

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MROOS24413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHEND (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) BALT (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: (EST) 22 Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON WASTE

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: _____

Pick-up Date: 9/5/13 Truck No. 45 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: GARY KELLER

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/5/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 873199

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/05/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	84.51	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009177	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/05/2013 11:23	NORTH LAB INB	RB lic75936
Out 09/05/2013 11:54	NORTH 4 OUTBO	SK Lic 056734

Operation Type-Inbound

Inbound		
	Gross	65560 lb
	Tare	27940 lb
	Net	37620 lb
	Tons	18.81

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.81	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chris Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009177

NON-HAZARDOUS WASTE MANIFEST

* STEEL BED

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MROOS24413

Company Name: LMC (Print or Type) Company Contact: C10 656 4012 MIKE MYSHEND (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) BALT (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: PO Box 7 Thompsonville PA 17364

Pick-up Date: 9-5-13 Truck No. SL Vehicle Lic. No. AF-477919

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chuck Becker

Signature of authorized agent: Chuck Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9-5-13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 873242

Customer: MD TRANS AMERICAN WASTE MGT 473997FFE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/05/2013	Vehicle#	67
Pay Type	Credit Account	Chk#	
Billing #	0004646	Trailer#	
Acct Tons	141.13	License#	
Man Tk#		Driver	
PO		Haul Tk#	
		Dest	N2

Volume

Generator	132-LOCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997FFE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	005
Manifest	089178	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In	09/05/2013 12:20	NORTH LAB IN8 RD 11c70536	Inbound
Out	09/05/2013 12:44	NORTH 3 OUTBD DW Lic 061464	

Gross	62000 lb
Tare	25560 lb
Net	36440 lb
Tons	18.22

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.22	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: Bob Marks

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009178

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MD005744413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA BALT (City) MD (State) 21220

Telephone Number: 973 903 7072 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON RCRA

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. [illegible]

COMPANY NAME: LBS INC

ADDRESS: Box 7

Pick-up Date: 9/5/13 Truck No. L7 Vehicle Lic. No. AC 15726

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bob Hartman Bob Hartman

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/5/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 873241

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/05/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	122.91	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009179	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/05/2013 12:19	NORTH LAB INB RB lic75936	
Out 09/05/2013 12:38	NORTH 4 OUTBO SK Lic 056734	

Operation Type-Inbound
Inbound

Gross	67940 lb
Tare	25640 lb
Net	42300 lb
Tons	21.15

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.15	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009179

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MD 005244 13

Company Name: LMC (Print or Type) Company Contact: 610 696 4012 MIKE MUSILENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA BALT (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 973 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: _____ CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. PHO 191

COMPANY NAME: KBS Inc

ADDRESS: Thomasville Pa.

Pick-up Date: 9-5-13 Truck No. 66 Vehicle Lic. No. 4600809 Pa.

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Bruce Witte

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/5/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 873640

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/06/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	39.85	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009180	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In	09/06/2013 07:59	NORTH LAB INB RB lic75936	Inbound	Gross	66660 lb
Out	09/06/2013 08:27	NORTH 4 OUTBO BS Lic 059717		Tare	28200 lb
				Net	38460 lb
				Tons	19.23

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.23	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chuck Beeker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009180

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHHO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) BALT (City) MD 21220 (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: PO Box 7 Thomasville PA 17364

Pick-up Date: 9-5-13 Truck No. 56 Vehicle Lic. No. AF47919

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chuck Becker

Signature of authorized agent: Chuck Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/6/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 873645

Customer: NO TRANS AMERICAN WASTE MGT 473997P4E
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/06/2013		Vehicle#	54	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	20.62		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P4E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	089181	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In	09/06/2013 00:01	NORTH LAB INB RD	Lic 75936	Gross	70780 lb
Out	09/06/2013 00:26	NORTH 3 OUTBD SW	Lic 061464	Tare	29540 lb
				Net	41240 lb
				Tons	20.62

Comments:

	Product:	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.62	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009181

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR005244 13

Company Name: LMC (Print or Type) Company Contact: 610 656 4612 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK (Street) PLAZA (City) BALT (State) MD 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: EST - 22 Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: THOMASVILLE PA

Pick-up Date: 9-5-13 Truck No. 54 Vehicle Lic. No. AF91222

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: JIM BECKER

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/6/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Phs

Original
Ticket# 873729

Customer: NO TRANS AMERICAN WASTE MGT 473997P4E Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/06/2013	Vehicle#	340 Volume
Pay Type	Credit Account: Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	65.54	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P4E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009183	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/06/2013 09:50	NORTH LAB INB RB	11c75936
Out 09/06/2013 10:13	NORTH 3 OUTBD DW	Lic 061464

Operation Type-Inbound

Inbound	Gross	80680 lb
	Tare	28620 lb
	Net	51300 lb
	Tons	25.69

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	25.69	Tons				MD
2	FUEL-Fuel Surchary	100		%				MD
3	EUFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009183

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MD005244113 G10656402

Company Name: LMC (Print or Type) Company Contact: MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PACK PLAZA (City) BALT. MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (est) Cubic Yards: _____ Other (Specify): _____

Name of Waste NON HAZ / NON WASTE

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/6/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: PAYNE

ADDRESS: _____

Pick-up Date: 9-6-13 Truck No. 348 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Michael Carter

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/6/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 873787

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date 09/06/2013 Vehicle# 69 Volume
Pay Type Credit Account Chk#
Billing # 0004646 Trailer#
Acct Tons 05.11 License#
Man Tk# Driver
PO Haul Tk#
Dest N2

Generator 132-LOCKHEEDMRTNMD LOCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A Waste # 006
Manifest 009184 Origin #/County MD/Maryland (State of,MD
Trailer Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 09/06/2013 10:54	NORTH LAB INB	RB 11c75936	Inbound	Gross	64760 lb
Out 09/06/2013 11:14	NORTH 3 OUTBO	DW Lic 051464		Tare	25620 lb
				Net	39140 lb
				Tons	19.57

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.57	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EWFT-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: Driver: Frank Wagner

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

KBS 270 895

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009184

Frank Wagaman 69

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MD00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 Mike Mushenko (Print or Type)

Pick-up Address 195 (No.) Chesapeake (Street) Park Plaza (City) Balt (State) MD 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ /NOREG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/6/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WH0191

COMPANY NAME: KBS

ADDRESS: Box 7 Thomasville 17364

Pick-up Date: 9-6-13 Truck No. 69 Vehicle Lic. No. PA A600812

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Frank Wagaman

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/6/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 873785

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/06/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	104.80	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009185	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/06/2013 10:53	NORTH LAB INB RB lic75936	
Out 09/06/2013 11:15	NORTH 4 OUTBO SK Lic 056734	

Operation Type-Inbound

Inbound	Gross	65200 lb
	Tare	25820 lb
	Net	39380 lb
	Tons	19.69

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.69	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009185

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHEND (Print or Type)

Pick-up Address 195 CHESPEAKE PARK PLAZA (No.) (Street) (City) (State)

Telephone Number: 973 703 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: – Other (Specify): –

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/6/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS AWMS

ADDRESS: PO Box 7 Thomasville PA 17364

Pick-up Date: 9-6-13 Truck No. 71 Vehicle Lic. No. AF65900

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Paul Martin FRE

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/6/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 875317

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/10/2013	Vehicle#	340
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	26.55	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009026	Origin #/County	MD/Maryland (State of,MD
Trailer	400	Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 09/10/2013 09:34	NORTH LAB INB	RB lic75936	Inbound	Gross	82020 lb
Out 09/10/2013 10:00	NORTH 4 OUTBO	BK Lic 065530		Tare	28920 lb
				Net	53100 lb
				Tons	26.55

Comments License: 03453py, VA, Owner: PAYNE INC, Address: 1101 INTERNATIONAL PARKWAY SUITE

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	26.55	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009026

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052443

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) BALT MD (City) 21220 (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON HAZ

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: PAYNE, AWMS

ADDRESS: _____

Pick-up Date: _____ Truck No. 348 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Michael Carter

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 875850

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/11/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	65.19	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009028	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/11/2013 07:48	NORTH LAB INB RB	lic75936	Inbound	Gross	68260 lb
Out 09/11/2013 08:13	NORTH 3 OUTBO KS	LIC 76012		Tare	27980 lb
				Net	40280 lb
				Tons	20.14

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.14	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chuck Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009028

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MROOS24413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE PARK PLAZA (Street) BALT. (City) MD 21220 (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 973 997 WDS1330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: _____ (Name and Title)

2. Haulér of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC PO Box 7 Thomasville PA 17364

ADDRESS: _____

Pick-up Date: 9-10-13 Truck No. 56 Vehicle Lic. No. AF47919

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chuck Becker

Signature of authorized agent: Chuck Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 875362

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KES KES Building & Property Maint.
KES Building & Property Maint.

Tkt Date	09/10/2013		Vehicle#	64	Volume 30.0
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	67.73		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009029	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/10/2013 10:27	NORTH LAB INB RB	lic75936
Out 09/10/2013 10:55	NORTH 4 OUTBO SK	Lic 056734

Operation Type-Inbound

Inbound		
Gross	67400	lb
Tare	25700	lb
Net	41700	lb
Tons	20.85	

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.85	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009029

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDD052443

Company Name: LMC (Print or Type) Company Contact: CHUCK MUSHINO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA (No.) (Street) (City) BALT (State) MD 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ (NON REG

Special Handling Instructions, if any: 473 997 MD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS Inc

ADDRESS: _____

Pick-up Date: 9-10-13 Truck No. 64 Vehicle Lic. No. AG 00807

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: TOM VIZZO

Signature of authorized agent: TOM VIZZO

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 875366

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/10/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	66.88	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

6

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-587 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009030	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/10/2013 10:32	NORTH LAB INB RB	lic75936
Out 09/10/2013 10:53	NORTH 2 OUTBO JB2	Lic 017804

Operation Type-Inbound
Inbound

Gross	64020 lb
Tare	29540 lb
Net	34480 lb
Tons	17.24

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.24	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009030

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDR005244413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address CHESAPEAKE PARK PLAZA (No.) (Street) BALT (City) MD (State) 21220

Telephone Number: 973 903 7023 SIC No. ____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ (NJ) WASTE

Special Handling Instructions, if any: 973 997 MD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. ____

COMPANY NAME: KBS INC

ADDRESS: THOMASVILLE PA

Pick-up Date: 9-10-13 Truck No. 54 Vehicle Lic. No. ____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: JIM BECKER

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/10/13 (DISPOSAL DATE)

Waste Discrepancies: ____

Signature of authorized agent and title: ____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 875365

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way
Warren, OH, 44484

KBS Building & Property Maint.

Tkt Date	09/10/2013		Vehicle#	56	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	49.64		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	986
Manifest	009031	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/10/2013 10:31	NORTH LAB INB RB Lic75936	
Out 09/10/2013 10:49	NORTH 4 OUTBO SK Lic 056734	

Operation Type-Inbound
Inbound

Gross	74100 lb
Tare	20000 lb
Net	46100 lb
Tons	23.09

Comments License: af47919, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVIL

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.09	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chuck Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009031

NON-HAZARDOUS WASTE MANIFEST STEEL BED

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MD005244413

Company Name: LMC (Print or Type) Company Contact: GID 656.4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) TRAIT MD (State) 21220

Telephone Number: 973-903-7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST.) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: _____ (Name and Title) CM

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: PO Box 7 Thomasville PA 17364

Pick-up Date: 9-10-13 Truck No. 56 Vehicle Lic. No. AF47919

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chuck Becker

Signature of authorized agent: Chuck Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

6

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 875376

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/10/2013	Vehicle#	369 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	110.29	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009032	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In	09/10/2013 10:42	NORTH LAB INB RB lic75936
Out	09/10/2013 11:09	NORTH 3 OUTBO KS LIC 76012

Operation Type-Inbound
Inbound

Gross	73660 lb
Tare	28540 lb
Net	45120 lb
Tons	22.56

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.56	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009032

ID# 0411633
369/T378

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052443

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHEND (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) BALT MD (State) 21220 6

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Payne Trucking

ADDRESS: 14011 Hall Industrial dr. Fredericksburg, VA

Pick-up Date: 9-10-13 Truck No. 369 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Kenneth S. Cary

Signature of authorized agent: Kenneth S. Cary

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: [signature]

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 875479

Customer: NO TRANS AMERICAN WASTE MGT 473997P4E
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/10/2013		Vehicle#	42	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	132.04		Driver		
Man Tk#			Haul Tk#		
PO			Dest	M2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P4E (GN-907 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009033	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/10/2013 12:32	NORTH LAB INB AK LIC#73712	
Out 09/10/2013 13:02	NORTH 4 OUTBO BK Lic 065530	

Operation Type-Inbound

Inbound		
Gross	69320	lb
Tare	25820	lb
Net	43500	lb
Tons	21.75	

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.75	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009033

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDD052443 13

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHELO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PLACE (Street) PLACE (City) BALT (State) MD 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: _____ Other (Specify): _____

Name of Waste NON HAZ / NON BIO

Special Handling Instructions, if any: 443 997 NO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KRS Inc

ADDRESS: Thurmont PA

Pick-up Date: 9-10-13 Truck No. 42 Vehicle Lic. No. MD - E45880D

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Mark Miller - "GWMS Trans"

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/10/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 875848

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/11/2013		Vehicle#	54	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	45.05		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009034	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	72080 lb
In 09/11/2013 07:43	NORTH LAB INB RB	lic75936		Tare	29480 lb
Out 09/11/2013 08:10	NORTH 3 OUTBO KS	LIC 76012		Net	42600 lb
				Tons	21.30

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.30	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: Jim Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009034

NON-HAZARDOUS WASTE MANIFEST

CONC. STEEL BODY

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524313

Company Name: LMC (Print or Type) Company Contact: 6106564012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA BALT MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: [signature] CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: THOMASVILLE PA

Pick-up Date: 9-10-13 Truck No. 54 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: JIM BECKER

Signature of authorized agent: Jim Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 875040

Customer: NO TRANS AMERICAN WASTE NET 473997PAE Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.
1 American Way
Warren, OH, 44484

Tkt Date 09/11/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 23.75
Man Tk#
PO

Vehicle# 64 Volume 30.0
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-907 NON HAZ SOIL)
EPA ID N/A
Manifest 0090035
Trailer

Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator
In 09/11/2013 07:36	NORTH LAB INB NB	lic75936
Out 09/11/2013 00:07	NORTH 4 OUTBD BK	Lic 065530

Inbound

Gross	73260	lb
Tare	25760	lb
Net	47500	lb
Tons	23.75	

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc Tons	100	23.75	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Tom Vogel

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009035

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 CLEARVIEW PARK PLAZA BALT MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/10/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KRS

ADDRESS: THOMASVILLE, PA

Pick-up Date: 9-10-13 Truck No. 64 Vehicle Lic. No. A600806 PA

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: TOM VISCO

Signature of authorized agent: TOM VISCO

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 876016

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473957-WE Carrier: KBS KBS Building & Property Maint.
1 American Way
Warren, OH, 44484

KBS Building & Property Maint.

Tkt Date	09/11/2013	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004546	License#	
Acct Tons	87.76	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LOCKHEEDMARTIN LOCKD MRTN MIDDLE R	Profile	473957-WE CGN 967 NON HAZ SOIL
EPA ID	N/A	Waste #	696
Manifest	009036	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/11/2013 10:36	NORTH LAB INB RR Lic75936	
Out 09/11/2013 10:59	NORTH 4 OUTBO SK Lic 056734	

Operation Type-Inbound

Inbound	Gross	70860 lb
	Tare	25720 lb
	Net	45140 lb
	Tons	22.57

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc Tons	100	22.57	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagonner 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

KBS 27456
FRANKENFIELD

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009036 69

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MDD052444 13

Company Name: LMC (Print or Type) Company Contact: _____ (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (Street) RALP (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9-11-13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. [illegible]

COMPANY NAME: KBS

ADDRESS: Box 7 Thorndale PA 19372

Pick-up Date: 9.11.13 Truck No. 69 Vehicle Lic. No. PA AG 0081Z

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: [illegible]

Signature of authorized agent: [illegible]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 876525

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/12/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.44	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009837	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/12/2013 00:01	NORTH LAB INB RB	lic75936	Inbound	Gross	70020 lb
Out 09/12/2013 00:26	NORTH 3 OUTBO KS	LIC 76012		Tare	25140 lb
				Net	44880 lb
				Tons	22.44

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.44	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009037

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052 4413

Company Name: LMC (Print or Type) Company Contact: MIKE MUSHENO 610 656 4012 (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) BALT MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/11/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: Pepsi Amwa

ADDRESS: Fredericksburg VA

Pick-up Date: 11 Sept 13 Truck No. 501 Vehicle Lic. No. 231ED34

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Jim Sandrich

Signature of authorized agent: [signature]

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on 9/12/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 876535

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/12/2013	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	45.21	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009030	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/12/2013 00:10	NORTH LAB INB RB	lic75936
Out 09/12/2013 00:31	NORTH 4 OUTBD BK	Lic 065530

Operation Type-Inbound

Inbound	Gross	71340 lb
	Tare	25800 lb
	Net	45540 lb
	Tons	22.77

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.77	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wayana 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

KBS 271399

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047
(800) 963-4776 – Technical Service Center

Document Refer No. 11 009038

Frank Wagaman 69

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MRO05244 13

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MULLEN (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/11/13 Signature: _____ CM (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. WH0191

COMPANY NAME: KBS

ADDRESS: Box 7 Thorndale PA 19372

Pick-up Date: 9/11/13 Truck No. 69 Vehicle Lic. No. P NGW57

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Frank Wagaman

Signature of authorized agent: Frank Wagaman

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/12/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 876301

7

Customer: NU TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/11/2013	Vehicle#	64 Volume 30.0
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	145.49	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009039	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	72640 lb
In 09/11/2013	14:51	NORTH LAB INB RB lic75936		Tare	25500 lb
Out 09/11/2013	15:37	NORTH 2 OUTBO JB2 Lic 017804		Net	47140 lb
				Tons	23.57

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.57	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009039

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MRO052443

Company Name: LMC (Print or Type) Company Contact: 610 666 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA BALT MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NJ HAZ / NON RES

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/11/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: K&S

ADDRESS: _____

Pick-up Date: 9-11-13 Truck No. 64 Vehicle Lic. No. AG058D7

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: TOM CISCO

Signature of authorized agent: _____

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 876299

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/11/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	121.92	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE2

Generator	132-LOCKLEDMANFD LOCKD MAIN MIDDLE R	Profile	473997PAE (GN 967 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009040	Origin St/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/11/2013 14:48	NORTH LAB INB RB	lic75936	Inbound	Gross	63180 lb
Out 09/11/2013 15:34	NORTH 4 OUTBO KS	LIC 76012		Tare	27740 lb
				Net	35440 lb
				Tons	17.72

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc Tons	100	17.72	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chuck Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009040

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR00524413

Company Name: LMC (Print or Type) Company Contact: 610 656 4012 MIKE MUSHENO (Print or Type)

Pick-up Address 195 CHESAPEAKE PARK PLAZA BALT MD 21220
(No.) (Street) (City) (State)

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: _____ Other (Specify): _____

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/11/13 Signature: [signature] (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: PO Box 7 Thomasville PA 17364

Pick-up Date: 9-11-13 Truck No. 56 Vehicle Lic. No. AF47919

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Chuck Becker

Signature of authorized agent: Chuck Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 876308

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/11/2013	Vehicle#	54
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	104.20	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	002041	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/11/2013 14:53	NORTH LAB INB RB	lic75936
Out 09/11/2013 15:33	NORTH 4 OUTBO KS	LIC 76012

Operation Type-Inbound

Inbound	Gross	62100 lb
	Tare	29220 lb
	Net	32880 lb
	Tons	16.44

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc Tons	100	16.44	Tons				MD
2	FUEL-Fuel Surchary	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Bocher

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11 009041

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR005244413

Company Name: LMC (Print or Type) Company Contact: 610 565 4012 MIKE MUSIELO (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) POND (Street) RD (Street) BALT (City) MD (State) 21220

Telephone Number: 973 903 7022 SIC No. _____

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: _____ Other (Specify): _____

Name of Waste NON HAZ (NOT REG)

Special Handling Instructions, if any: 973 997 WO 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/11/13 Signature: _____ (Name and Title)

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No. _____

COMPANY NAME: KBS INC

ADDRESS: THOMASVILLE PA

Pick-up Date: 9-11-13 Truck No. 54 Vehicle Lic. No. _____

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: JIM BECKER

Signature of authorized agent: Jim Becker

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/11/13 (DISPOSAL DATE)

Waste Discrepancies: _____

Signature of authorized agent and title: _____

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 874617

Customer: NO TRANS AMERICAN WASTE MGT 473997POE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/09/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.71	Driver	
Man Tkt#		Haul Tkt#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997POE (GN-997 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	009182	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/09/2013 08:37	NORTH LAB INB	RB 11c75936	Inbound	Gross	70520 lb
Out 09/09/2013 09:02	NORTH 3 OUTBD	KS LIC 76012		Tare	25100 lb
				Net	45420 lb
				Tons	22.71

Comments: non-friable

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.71	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT EASTERN PA MARKET AREA
444 Oxford Valley Road
Langhorne, PA 19047

(800) 963-4776 – Technical Service Center

Document Refer No. 11009182

NON-HAZARDOUS WASTE MANIFEST

1. Generator of Waste (must be filled in by producer) EPA I.D. No. MR0052443

Company Name: LMC (Print or Type) Company Contact: (Print or Type)

Pick-up Address 195 (No.) CHESAPEAKE (Street) PARK PLAZA (City) BALT (State) MD 21220

Telephone Number: 973 903 7022 SIC No.

Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PADEP regulations.

Tons: 22 (EST) Cubic Yards: — Other (Specify): —

Name of Waste NON HAZ / NON REG

Special Handling Instructions, if any: 473 997 WD 51330

PROFILE/ WASTE STREAM I.D. NUMBER:

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 9/5/13 Signature: (Name and Title) CM

2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.

COMPANY NAME: Payne Auns

ADDRESS: Fredericksburg VA

Pick-up Date: 5 Sept 13 Truck No. 501 Vehicle Lic. No. 281 ED 34

The above described waste was picked up and hauled by me to the disposal facility named below and Was accepted. I certify under penalty of perjury that the foregoing is true and correct.

Print name & title of authorized agent: Jim Sandy

Signature of authorized agent:

3. Disposer of Waste (must be filled-in by disposer) CIRCLE ONE:

G.R.O.W.S. North Landfill 1000 New Ford Mill Rd. Morrisville, PA 19067 **PADEP Permit # 101680** (215) 736-0195	**Tullytown Resource Recovery Facility (T.R.R.F)** 200 Bordentown Rd. Tullyown, PA 19007 **PADEP Permit # 101494** (215) 736-0195	**Mountain View Reclamation Landfill** 9446 Letzburg Rd. Greencastle, PA 17225 **PADEP Permit # 101100** (717) 597-5535	
Alliance Sanitary Landfill 398 South Keyser Ave. Taylor, PA 18517 **Permit # 100933** (570) 562-1600	**Grand Central Sanitary Landfill** 910 W. Pennsylvania Ave. Pen Argyl, PA 18072 **Permit # 100265** (610) 863-2400	**Pine Grove Landfill** 193 Schultz Rd. Pine Grove, PA 17963 **Permit # 101427** (570) 345-2777	

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on

9/9/13 (DISPOSAL DATE)

Waste Discrepancies:

Signature of authorized agent and title:

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 876636

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/12/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	63.81	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057893	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 09/12/2013 10:27	NORTH LAB INB RB	11c75936	Inbound	Gross	65140 lb
Out 09/12/2013 10:47	NORTH 3 OUTBD KS	LIC 76012		Tare	27940 lb
				Net	37200 lb
				Tons	18.60

Comments:

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.60	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chuck Boehm

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057893

B. State Generator's ID

5. Transporter 1 Company Name: KBS AMWS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	12	T	(EST.)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Jeffrey		09	12	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Chuck Rector	Chuck Rector	9	12	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		9	12	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 876674

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/12/2013	Vehicle#	369
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	08.35	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	20057094	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In 09/12/2013 10:59	NORTH LAB INB	RB lic75936	Inbound
Out 09/12/2013 11:31	NORTH 4 OUTBO	SK Lic 056734	

Gross	77900 lb
Tare	28900 lb
Net	49000 lb
Tons	24.54

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.54	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

LD# 04/187 369/T 372

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TKT 369

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MINE MUSHRMS 610 05540 2

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057894

B. State Generator's ID

5. Transporter 1 Company Name
T-[illegible] 369

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	1	T	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Lefton		09	12	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Ken Carey		09	12	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]			12	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 876774

6

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/12/2013		Vehicle#	45	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	100.71		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-907 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057696	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/12/2013 12:05	NORTH LAB INB	AK LIC#73712
Out 09/12/2013 12:43	NORTH 4 OUTBO	BK Lic 065530

Operation Type-Inbound
Inbound

Gross	66940 lb
Tare	26220 lb
Net	40720 lb
Tons	20.36

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.36	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
			Tk # 45

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 4. Generator's Phone: 410-682-1315		WMNA 2057896 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
KPS, Autus		
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID H. State Facility Phone
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	T	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Vetter		01	12	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Gary Keller				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
				13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 876950

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/12/2013		Vehicle#	69	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	129.72		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057897	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/12/2013 14:35	NORTH LAB INB	AK LIC#73712
Out 09/12/2013 14:52	NORTH 4 OUTBO	BK Lic 065530

Operation Type-Inbound

Inbound		
	Gross	67520 lb
	Tare	25500 lb
	Net	42020 lb
	Tons	21.01

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.01	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagner CG

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

KBS 271452

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	2057897
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	221	T	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
		09	12	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

K B S, INC. • P.O. BOX 7 • THOMASVILLE, PA 17364 • B/L # 458854

BILL TO CUSTOMER Manifest # 2057934

SHIPPER NUMBERS

PICK UP LOCATION American Waste Lockheed Martin 2323 Eastern blvd Middle River MD

WAITING TIME LOADING

TIME IN _____ TIME OUT _____ DATE 9/20/13

DELAY TIME SIGNATURE _____

KBS ORDER NO.	CUSTOMER REFERENCE NOS.
272282	51330

COMMENTS over quantity 9/20/13

COMMODITY Non-Haz Dirt

TRACTOR NO. 44	TRLR NO.

DRIVER Larry Piersa

RECEIVED IN GOOD CONDITION EXCEPT AS NOTED _____

FIRM _____

BY _____

CASH	COD	CHARGE

CONSIGNEE NUMBERS

DELIVERY LOCATION American Waste Lockheed Martin 2323 Eastern blvd Middle River MD

WAITING TIME UNLOADING

TIME IN _____ TIME OUT _____ DATE 9/20/13

DELAY TIME SIGNATURE _____

	SHIPPER WT.		CONSIGNEE WT.
GROSS		G	
TARE		T	
NET		N	

QUAN.	DESCRIPTION	RATE	AMOUNT
	Load Returned to Middle River		
	DELIVERY CHARGE		
	SUB TOTAL		
	SALES TAX		
	TOTAL		

ORIGINAL FREIGHT BILL

Unable to deliver to Landfill

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST | 1. Generator's US EPA ID No. | Manifest Doc No. Number | 2. Page 1 of Page | TE# 44

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MWSHEHD 6106564012
4. Generator's Phone: ~~410-682-1315~~

Generator's Site Address (If different than mailing):

A. Manifest Number WMNA 2057934

B. State Generator's ID

5. Transporter 1 Company Name KBS, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	TON	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level
Grid

15. Special Handling Instructions and Additional Information over quantity Walter O'Neill 09-20-13

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A JEFFERY		09	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Larry Pierson		9	9	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

KBS 272167
Original
Ticket# 086248

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Frank Wagaman
69

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	10/01/2013	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	45.00	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057946	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 10/01/2013 08:00	NORTH LAB INB	RB lic75936
Out 10/01/2013 08:21	NORTH 4 OUTBD	BK Lic 065530

Operation Type-Inbound

Inbound	Gross	74540 lb
	Tare	25780 lb
	Net	48760 lb
	Tons	24.38

Comments License: AG00812, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVI

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.38	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagaman 69

CUSTOMER'S COPY

403-WMPA

KBS 272 167

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Frank Wayaman

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK # 69

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	ATTN MIKE MUSHENS 610 656.4712	WMNA	2057946
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS Anlin S	W 1	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	Tons	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Y12J10

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	09	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	10	01	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

0272086

Ph:

Original
Ticket# 086252

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 10/01/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 68.18
Man Tk#
PO

Vehicle# 64 Volume 30.0
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 2057947
Trailer

Profile 473997PAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 10/01/2013 08:03	NORTH LAB INB RB lic75936	
Out 10/01/2013 08:28	NORTH 4 OUTBD BK Lic 065530	

Operation Type-Inbound
Inbound

Gross	70560 lb
Tare	25800 lb
Net	44760 lb
Tons	22.38

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.38	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster:_____ Driver: Tom Wood

CUSTOMER'S COPY

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1 — Tk # 64

3. Generator's Mailing Address: LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 4. Generator's Phone: 410-682-1315	Generator's Site Address (If different than mailing):	A. Manifest Number: WMNA 2057947 B. State Generator's ID
5. Transporter 1 Company Name: KBS, AWMS	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	Tons	(est)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	01	30	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	[illegible]	[illegible]	[illegible]

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 886289

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	10/01/2013	Vehicle#	54
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	88.84	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057949	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 10/01/2013 08:20	NORTH LAB INB	RB lic75936
Out 10/01/2013 08:38	NORTH 2 OUTBO	JB2 Lic 017804

Operation Type-Inbound

Inbound		
	Gross	70840 lb
	Tare	29520 lb
	Net	41320 lb
	Tons	20.66

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.66	Tons				MD
[illegible]	[illegible] Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster:

Driver: Jim Becher 54
0272085

CUSTOMER'S COPY

403-WMPA

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK #54

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	MIKE MUSHENO 611-656 4 x 2	WMNA	2057949
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KPJS, ANMS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	Tons	Conc.
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

0272085

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN [illegible]	[illegible]	01	[illegible]	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
JIM BECKER	[illegible]	1	24	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

TRACTOR # 1001

TRAILER # R1001

DRIVER : GEORGE OWENS IV

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 187486
PRINTED 9/26/2013 BOOKED GTHOM

NJ DEP PERMIT # 16012

DECAL # 11696

MANIFEST # N/A

SHIPPER:

[SJWOO] SJ TRANSPORTATION CO., INC.
P.O. BOX 169
1176 US. RT 40
WOODSTOWN.NJ 08098

(800) 524-2552

CONSIGNEE:

[LOCMID01] LOCKHEED MARTIN
195 Chesapeake Park Plaza

MIDDLE RIVER.MD 21220

Tony Apanavage
(301) 233-8230

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # 339

PICKUP DATE 09/26/2013
TIME 12:00
IN 11:00 OUT 11:15

DELIVER DATE 09/26/2013
TIME 14:00
IN 12:40 OUT 1:20

GROSS WT _____
TARE WT _____
NET WT _____

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):
installed liner

DESCRIPTION:

GAL LOAD _____

ORDER REF #'S:

SPECIAL INSTRUCTIONS:
Drop 25 yard box with a liner meet Tony Apanavage 301-233-8230

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN,OH 44489

CONTACT : Cliff D

RUDY sTRENG (330) 856-8800

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SHIPPER _____ DATE _____

CONSIGNEE X _____ DATE 9/26/13

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

PERSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE HAZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION OR WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER :
DATE :

Printed with pdfFactory Pro trial version - purchase at www.pdffactory.com

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870199

Customer: NO TRANS AMERICAN WASTE M61 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date 09/16/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 21.80
Man Tk#
PO

Vehicle# 348 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A Waste # 006
Manifest 2057895 Origin #/County MD/Maryland (State of,MD
Trailer Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 09/16/2013 07:48	NORTH LAB INB RB lic75936			Gross	72260 lb
Out 09/16/2013 08:15	NORTH 4 OUTBO SK Lic 056734			Tare	28660 lb
				Net	43600 lb
				Tons	21.80

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.00	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk #342

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHEVO 610 656 4012	0411876 Truck 348 Trailer T4	WMNA	2057895
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Payne Arms	[illegible]	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone
		0411876

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	T	EST
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	04	12	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 878401

Customers: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carriers: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/16/2013	Vehicle#	73
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	64.96	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057099	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 09/16/2013 11:18	NORTH LAB INB	RB lic75936		Gross	71820 lb
Out 09/16/2013 11:43	NORTH 4 OUTBO	SK Lic 056734		Tare	26160 lb
				Net	45660 lb
				Tons	22.83

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.83	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK # 73

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 6106564012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057899

B. State Generator's ID

5. Transporter 1 Company Name
KBS, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	(EST)
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A [illegible] Jr	[signature]	09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Tim Frymen	[signature]	09	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]		9	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 878392

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/16/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	42.13	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057900	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/16/2013 11:10	NORTH LAB INB RB lic75936	
Out 09/16/2013 11:35	NORTH 3 OUTBO DW Lic 061464	

Operation Type-Inbound
Inbound

Gross	66340 lb
Tare	25680 lb
Net	40660 lb
Tons	20.33

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.33	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 410 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057900

B. State Generator's ID

5. Transporter 1 Company Name: KBS, Ammis

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	(EST)
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Jeffery	[signature]	09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Bruce W. Hoy Truck 66	Bruce Matte	9	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Morris	[signature]	9	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 878474

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/16/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	100.60	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057901	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	68040 lb
In 09/16/2013 12:13	NORTH LAB INB	AK LIC#73712		Tare	26020 lb
Out 09/16/2013 12:36	NORTH 4 OUTBO	SK Lic 056734		Net	42820 lb
				Tons	21.41

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.41	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmasters: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK #71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHNO 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057901

B. State Generator's ID

5. Transporter 1 Company Name: KBS

6. US EPA ID Number: [illegible]

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number:

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	EST
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH JEFFERY	[signature]	09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Paul Martin	Paul Martin	09	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	9	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

9

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870470

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/16/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	120.23	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057902	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/16/2013 12:14	NORTH LAB INB AK	LIC#73712
Out 09/16/2013 12:39	NORTH 3 OUTBO KS	LIC 76012

Operation Type-Inbound
Inbound

Gross	65000 lb
Tare	25740 lb
Net	39260 lb
Tons	19.63

Comments:

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.63	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagner

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057902

B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone

7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID / F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	21	TN	ST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JACKSON		09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 879076

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/17/2013	Vehicle#	73 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	115.76	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057903	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/17/2013 09:43	NORTH LAB INB	RB lic75936	Inbound	Gross	76240 lb
Out 09/17/2013 10:06	NORTH 2 OUTBO	JB2 Lic 017804		Tare	26180 lb
				Net	50060 lb
				Tons	25.03

Comments License: AF79671, PA, Owner: KBS INC, Address: RT 30 & KBS RD PO BOX 7 THOMASVILLE

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	25.03	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TE# 73

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHENO 610 656 4012		WMNA	2057903
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS AMWS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	TONS	(EST)
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY	[signature]	9	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		9	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	9	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 878661

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/16/2013	Vehicle#	369 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	195.44	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057904	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	76680 lb
In 09/16/2013 14:27	NORTH LAB INB RB	lic75936		Tare	29140 lb
Out 09/16/2013 15:29	NORTH 2 OUTBO LR	Lic 065358		Net	47540 lb
				Tons	23.77

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.77	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

LDH0412129 369/T378

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK #

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057904

B. State Generator's ID

5. Transporter 1 Company Name: PAYNE, AMMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	2	TONS	BT
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A [illegible]	[signature]	09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
KEN CAVEY	[signature]	9	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Bowers	[signature]	9	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

9

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 878467

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date 09/16/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 87.19
Man Tk#
PO

Vehicle# 501 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-907 NON HAZ SOIL)
EPA ID N/A Waste # 806
Manifest 20057905 Origin #/County MD/Maryland (State of,MD
Trailer Origin Name Maryland

Date/Time	Scale	Operator
In 09/16/2013 12:08	NORTH LAB INB	AK LIC#73712
Out 09/16/2013 12:26	NORTH 3 OUTBO	KS LIC 76012

Operation Type-Inbound
Inbound

Gross	70320 lb
Tare	25860 lb
Net	44460 lb
Tons	22.23

Comments:

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.23	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFs-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHENO 610 656 4312 4. Generator's Phone: 410-682-1315		WMNA	2057905
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Ryus, AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	TONS	(EST)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY		09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		9	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 878471

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

1 American Way
Warren, OH, 44484

Tkt Date 09/16/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 146.94
Man Tk#
PO

Vehicle# 41 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A Waste # 006
Manifest 2057906 Origin #/County MD/Maryland (State of,MD
Trailer Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator
In 09/16/2013 12:11	NORTH LAB INB	AK LIC#73712
Out 09/16/2013 13:08	NORTH 4 OUTBO	SK Lic 056734

Inbound

Gross	63500 lb
Tare	26080 lb
Net	37420 lb
Tons	18.71

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.71	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: _____

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK# 41

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 6106564012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057906

B. State Generator's ID

5. Transporter 1 Company Name
KBS, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	Est.
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A. Jefferson	[signature]	09	13	16

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Kevin John	[signature]	9	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 878615

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/16/2013	Vehicle#	377 Volume 60.0
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	171.67	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057907	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/16/2013 13:56	NORTH LAB INB RB	lic75936	Inbound	Gross	80300 lb
Out 09/16/2013 15:00	NORTH 2 OUTBO LR	Lic 065358		Tare	30840 lb
				Net	49460 lb
				Tons	24.73

Comments License: pvs5328, OH, Owner: payne trucking company, Address: 1635 e 6th street as

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.73	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MURRAY 610 650 4012 **4. Generator's Phone: 410-682-1315**		WMNA 2057907 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
PAYNE, AWMS		
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID H. State Facility Phone
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** **WM Profile # 473997PAE**	1	DT	23	Tons	EST
b. **WM Profile #**					
c. **WM Profile #**					
d. **WM Profile #**					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY JR		09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		9	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 878944

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAL
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/17/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	23.72	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHLEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAL (GN 987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057908	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 09/17/2013 07:35	NORTH LAB INB	RB Lic75936		Gross	73160 lb
Out 09/17/2013 08:02	NORTH 4 OUTBO	BK Lic 065530		Tare	25720 lb
				Net	47440 lb
				Tons	23.72

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc Tons	100	23.72	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: [signature]

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK #

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHENO 610 654-3312 **4. Generator's Phone: 410-682-1315**		WMNA 2057908 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
KEYS AWNS		
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	**10. US EPA ID Number**	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** **WM Profile # 473997PAE**	1	DT	21	TONS	(EST)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A JEFFERY SR		07	16	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Bruce Witter Truck 66		7	16	15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Boyd Johns		7	16	15

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 878966

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 09/17/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 68.55
Man Tk#
PO

Vehicle# 71 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHLEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 2057909
Trailer

Profile 473997PAE (GN 987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/17/2013 07:58	NORTH LAN INB	RH lic75936	Inbound	Gross	70560 lb
Out 09/17/2013 08:28	NORTH 4 OUTBO	BK Lic 065530		Tare	26040 lb
				Net	44520 lb
				Tons	22.26

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.26	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk + 71

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 Mike MUSTARD 610 656 4012 4. Generator's Phone: 410-682-1315		WMNA 2057909 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	TONS	(ESI
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFREY				

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Paul Martin		07	16	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		7	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 870960

Customer: NO TRANS AMERICAN WASTE, NOT 473997AAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date 09/17/2013
Pay Type Credit Account Chk#
Billing # 0004546
Acct Tons 46.29
Plan Tk#
PO

Vehicle# 60 Volume
Trailer#
License#
Driver
Haul Tk#
Dest NE

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R
EPA ID N/A
Manifest 2057910
Trailer

Profile 473997AAE (GN-987 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator
In 09/17/2013 07:59	NORTH LAB INB RB	lic75936
Out 09/17/2013 08:27	NORTH 4 OUTBD BK	Lic 8652530

Inbound		
Gross	70080	lb
Tare	25740	lb
Net	45140	lb
Tons	22.57	

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.57	Tons				MD
2	FUEL Fuel Surchary	100		%				MD
3	EWFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagaman 69

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

KBS 272052

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

Frank Wagram

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TC# 69

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057910

B. State Generator's ID

5. Transporter 1 Company Name
KBS Awam

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	TSns	(EST)
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth [illegible]	[illegible]	04	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]		5	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 878977

Customer: NU TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

11

Tkt Date	09/17/2013	Vehicle#	348 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	90.73	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057911	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/17/2013 08:07	NORTH LAB INB	RB lic75936	Inbound	Gross	73520 lb
Out 09/17/2013 08:44	NORTH 2 OUTBO	JB2 Lic 017804		Tare	29160 lb
				Net	44360 lb
				Tons	22.18

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.18	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK# 348

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610 656 4012

4. Generator's Phone: ~~410-682-1315~~

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057911

B. State Generator's ID

5. Transporter 1 Company Name: PAYNE, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

#0412131
Truck 346
Trailer 1930
Michael Carter

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	26	Tons	(EST)
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY	[signature]	09	16	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
	[signature]			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

Robert Burns 9/17/13

WASTE MANAGEMENT

CROWS NORTH
1600 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 679110

Customer: NO TRANS AMERICAN WASTE NET 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way
Warren, OH, 44484

KBS Building & Property Maint.

Tkt Date 09/17/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 134.11
Man Tk#
PO

Vehicle# 54 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOIL)
EPA ID N/A
Manifest 2057912
Trailer

Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time Scale Operator
In 09/17/2013 10:14 NORTH LAB INB RB lic75936
Out 09/17/2013 10:46 NORTH 4 OUTBD KS LIC 76012

Operation Type-Inbound
Inbound

Gross	66120 lb
Tare	29420 lb
Net	36700 lb
Tons	18.35

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.35	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster:

Driver Jim Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK# 54

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUTHAD 6106564012		WMNA	2057912
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
KBS AWMS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	TNS	EST
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A JEFFERY Jr	[signature]	9	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
JIM BECKER	Jim Becker	9	17	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 879256

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/17/2013	Vehicle#	369 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	135.25	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057913	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

			Operation Type-Inbound	
Date/Time	Scale	Operator	Inbound	Gross 71340 lb
In 09/17/2013 12:38	NORTH LAB INB	AK LIC#73712		Tare 29060 lb
Out 09/17/2013 13:04	NORTH 3 OUTBO	KS LIC 76012		Net 42280 lb
				Tons 21.14

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.14	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	Tk # 369

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610 6564012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057913

B. State Generator's ID

5. Transporter 1 Company Name: Payne, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	221	TONS	(EST)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A. [illegible]	[illegible]	07	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Ken Cavg	[illegible]	7	17	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
17# 0412248	369/T375			

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]		7	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 879419

Customer: NO TRANS AMERICAN WASTE MST 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/17/2013	Vehicle#	377 Volume 60.0
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	239.74	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057914	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	70260 lb
In 09/17/2013 14:20	NORTH LAB INB	RB lic75936		Tare	30400 lb
Out 09/17/2013 15:18	NORTH 4 OUTBO	KS LIC 76012		Net	47060 lb
				Tons	23.53

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.93	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK# 377

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHEND 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057914

B. State Generator's ID

5. Transporter 1 Company Name
PAYNE, AWM3

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 102494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	ES
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. [illegible]	[illegible]	09	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 879365

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/17/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	175.80	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057915	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 09/17/2013 13:45	NORTH LAB INB	RB lic75936		Gross	66540 lb
Out 09/17/2013 14:05	NORTH 4 OUTBO	BK Lic 065530		Tare	25440 lb
				Net	41100 lb
				Tons	20.55

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.55	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: [signature]

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK #66

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHEWO 60 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057915

B. State Generator's ID

5. Transporter 1 Company Name
KBS, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	LT	22	TNS	~~EST~~
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENETH A. JEFFERY	[signature]	07	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	[illegible]	17	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	5	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 879412

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/17/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	195.53	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEDMRTNMD LCKHD NRTN MIDDLE R	Profile	473997PAE (GN 987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057916	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/17/2013 14:15	NORTH LAB INB	RB lic75936	Inbound	Gross	64960 lb
Out 09/17/2013 14:50	NORTH 4 OUTBO	BK Lic 065530		Tare	25500 lb
				Net	39460 lb
				Tons	19.73

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.73	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Wagoner

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TRIP 69

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHENO 617 656 4012		WMNA	2057916
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	
KEEN AWAMS		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	TONS	EST
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A JEFFERY JR	[signature]	09	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
FRANK WAGAMAN	Frank Wagaman			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	9	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 679444

Customers: NO TRANS AMERICAN WASTE MGT 473997PAE Carriers: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/17/2013	Vehicle#	71 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	215.81	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NE

Generator	132-LCKHEEDMRTNMID LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057917	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	66240 lb
In 09/17/2013 14:34	NORTH LAB INB	RB lic75936		Tare	25680 lb
Out 09/17/2013 15:00	NORTH 4 OUTBO	MK Lic 0655530		Net	40560 lb
				Tons	20.28

Comments:

	Product	Dx%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.28	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tech # 71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 410 682 4312
4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057917

B. State Generator's ID

5. Transporter 1 Company Name: LDO. AWMS

6. US EPA ID Number: WHO 191

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TONS	(EST)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY JR		09	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Paul Martin	Paul Martin	09	17	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Brunt		9	17	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 879722

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/18/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.24	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKH EDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN 987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057918	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	73920 lb
In 09/18/2013 08:00	NORTH LAB INB	RB lic75936		Tare	29440 lb
Out 09/18/2013 08:27	NORTH 4 OUTBO	SK Lic 056734		Net	44480 lb
				Tons	22.24

Comments License: AF91222, PA, Owner: KBS INC, Address: RT 30 & KBS RD PO BOX 7 THOMASVILLE

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.24	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST | 1. Generator's US EPA ID No. | Manifest Doc No. | 2. Page 1 of

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057918

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TONS	BT
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN HARRY JR		7	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
JIM BECKER		7	17	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 879703

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/18/2013	Vehicle#	348 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	48.53	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057919	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/18/2013 07:47	NORTH LAB INB	RB lic75936	Inbound	Gross	81500 lb
Out 09/18/2013 08:29	NORTH 2 OUTBO	JB2 Lic 017804		Tare	28920 lb
				Net	52580 lb
				Tons	26.29

Comments License: 83453PY, VA, Owner: PAYNE INC, Address: 1101 INTERNATINOAL PARKWAY SUITE

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	26.29	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK#348

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610 656 4017

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057919

B. State Generator's ID

5. Transporter 1 Company Name
PAYNE, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

0412426
Truck 348
Trailer T400

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	TONS	(EST)
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A JEFFERY	[signature]	09	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Michael Carter	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns	[signature]	9	18	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 880554

Ph:

Customer: NO TRANS AMERICAN WASTE NGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/19/2013	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	155.56	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHLEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN 987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057921	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/19/2013 10:37	NORTH LAB INB	RB Lic75936
Out 09/19/2013 10:55	NORTH 4 OUTBO	BK Lic 065530

Operation Type-Inbound

Inbound		
	Gross	64240 lb
	Tare	28540 lb
	Net	35700 lb
	Tons	17.85

Comments

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.85	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Chris Bock

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tkt # 56

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSHENO 410 682 4012		WMNA	2057921
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KPAC AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494		H. State Facility Phone
GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TS	(EST.)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFERY	Kenneth Jeffery	07	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 879043

Customer: NO TRANS AMERICAN WASTE NOT 473997PAE Carriers: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/18/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	68.34	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057932	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In	09/18/2013 09:51	NORTH LAB INB RB Lic75936	Inbound	Gross	65340 lb
Out	09/18/2013 10:10	NORTH 4 OUTBO SK Lic 056734		Tare	25720 lb
				Net	39620 lb
				Tons	19.81

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.81	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk # 66

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MILE MUSIEWO 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057922

B. State Generator's ID

5. Transporter 1 Company Name
KDS, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	EST.
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A. Jeffery Jr	[signature]	09	18	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 879879

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997P4E
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/18/2013		Vehicle#	71	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	90.79		Driver		
Man Tkt#			Haul Tkt#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P4E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	005
Manifest	2657923	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type=Inbound		
			Inbound	Gross	70000 lb
In: 09/18/2013 10:31	NORTH LAB INB RB	lic75936		Tare	25900 lb
Out 09/18/2013 10:48	NORTH 4 OUTBD KS	LIC 76012		Net	44900 lb
				Tons	22.45

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.45	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk # 71

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHEND 610 656-4012

4. Generator's Phone: ~~410-682-1315~~

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057923

B. State Generator's ID

5. Transporter 1 Company Name: KBS, AWMS

6. US EPA ID Number: WH0191

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	EGT
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kenneth A. Jeffery Jr.	[signature]	09	18	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Paul Martin	[signature]	09	18	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Barnes		9	18	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 879985

Customers: NO TRANS AMERICAN WASTE, MGT 473997PAE Carriers: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/18/2013	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	112.71	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057924	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/18/2013 12:06	NORTH LAB INB	RB lic75936	Inbound	Gross	69560 lb
Out 09/18/2013 12:24	NORTH 4 OUTBD SK	Lic 056734		Tare	25720 lb
				Net	43840 lb
				Tons	21.92

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.92	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: Frank Waggoner 09

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	That CG

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 MIKE MUSSER GP 6516402 4. Generator's Phone: 410-682-1315		WMNA 2057924 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS, AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	BT	21	TONS	GS
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH UZZILLA		07	15	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
FRANK WAGGAMAN				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 880123

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/18/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	130.97	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057925	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/18/2013 14:26	NORTH LAB INB	RB lic75936	Inbound	Gross	65700 lb
Out 09/18/2013 14:49	NORTH 4 OUTBD	KS LIC 76012		Tare	29180 lb
				Net	36520 lb
				Tons	18.26

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons~	100	18.26	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk # 54

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA 2057925
4. Generator's Phone: 410-682-1315		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS; AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	**10. US EPA ID Number**	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TN	(EST)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH JEFFERY	Kenneth Jeffery	09	18	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
JIM BECKER	Jim Becker	9	18	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 880451

Customer: NO TRANS AMERICAN WASTE MGT 473997F9E Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/19/2013	Vehicle#	44 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	118.59	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997F9E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	20057926	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/19/2013 08:36	NORTH LAB INB	RB lic75936
Out 09/19/2013 09:03	NORTH 4 OUTBO	BK Lic 0655530

Operation Type-Inbound
Inbound

Gross	70280 lb
Tare	26040 lb
Net	44240 lb
Tons	22.12

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.12	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: _____

Larry Pierson

VOID - CUSTOMER DO NOT ACCEPT

403-WMPA

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TC# 44

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	2057926
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315	MIKE MUSHENO 6106564402		

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS, AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TONS	(EST.)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH FERRY		09	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Harry Fiscus		9	18	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 889353

Customer: NO TRANS AMERICAN WASTE NET 473997PAE
1 American Way
Warren, OH, 44484

Carriers: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/19/2013	Vehicle#	66
Pay Type	Credit Account	Chk#	
Billing #	0004646	Trailer#	
Acct Tons	23.39	License#	
Man Tk#		Driver	
PO		Haul Tk#	
		Dest	N2

Volume

Generator	132-LOCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057927	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/19/2013 07:18	NORTH LAB INB	RB 11c75936
Out 09/19/2013 07:34	NORTH 4 OUTBD	BK Lic 065530

Operation Type-Inbound

Inbound	Gross	72540 lb
	Tare	25760 lb
	Net	46780 lb
	Tons	23.39

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.39	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST | 1. Generator's US EPA ID No. | Manifest Doc No. | 2. Page 1 of 1 | TK 56

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 6106564017

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057927

B. State Generator's ID

5. Transporter 1 Company Name KBS, WMNS	**6. US EPA ID Number**	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	**10. US EPA ID Number**	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # 473997PAE	1	DT	21	Tons	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. JEFFREY		09	10	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
				13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 880348

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/19/2013	Vehicle#	369 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	49.04	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057928	Origin #/County	MD/Maryland (State of,MD)
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
			Inbound	Gross	80340 lb
In 09/19/2013 07:14	NORTH LAB INB	RB lic75936		Tare	29040 lb
Out 09/19/2013 07:36	NORTH 4 OUTBO	BK Lic 065530		Net	51300 lb
				Tons	25.65

Comments License: PVS4891, OH, Owner: PAYNE TRUCKING COMPANY, Address: 1635 E 6TH ST ASHTAB

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	25.65	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	369

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHEND 410 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057928

B. State Generator's ID

5. Transporter 1 Company Name: BYNE, AWAMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	TONS	EST
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
LD#0412421

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information
369 / 1378

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	09	18	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Ken Cavey	Ken Cavey	9	18	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 880363

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/19/2013	Vehicle#	67 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	73.10	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057929	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/19/2013 07:27	NORTH LAB INB	RB lic75936
Out 09/19/2013 07:57	NORTH 4 OUTBO	BK Lic 065530

Operation Type-Inbound

Inbound		
	Gross	73780 lb
	Tare	25660 lb
	Net	48120 lb
	Tons	24.06

Comments License: AG15756, NJ, Owner: KBS INC, Address: RT 30 & KBS RD PO BOX 7 THOMASVILLE

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	24.06	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Bob Hart

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

#67 Bob Hardman 0272287

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK# 67

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057929

B. State Generator's ID

4. Generator's Phone: ~~410-682-1315~~ MIKE MUSHENO 610 656 4017

5. Transporter 1 Company Name: KBS AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	EST.
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Jeffery	[signature]	09	13	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Bob Hardman	Bob Hart	9	13	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Burns				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 880391

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/19/2013	Vehicle#	348 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	96.47	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057930	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/19/2013 07:54	NORTH LAB INB RB	lic75936	Inbound	Gross	75160 lb
Out 09/19/2013 08:20	NORTH 2 OUTBO JB2	Lic 017804		Tare	28420 lb
				Net	46740 lb
				Tons	23.37

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	23.37	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WM WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610 656 4012

4. Generator's Phone: ~~410-682-1315~~

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057930

B. State Generator's ID

5. Transporter 1 Company Name: PAYNE AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

#0412503
Truck 348
Trailer T400

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	Tons	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY	[signature]	09	13	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Michael Carter	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	13	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mil Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 880556

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/19/2013	Vehicle#	54 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	137.71	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057931	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/19/2013 10:39	NORTH LAB INB RB	lic75936	Inbound	Gross	67780 lb
Out 09/19/2013 10:53	NORTH 2 OUTBO JB2	Lic 017804		Tare	29540 lb
				Net	38240 lb
				Tons	19.12

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.12	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Jim Becker

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK #

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO C/O 6564012
4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057931

B. State Generator's ID

5. Transporter 1 Company Name: KRS, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TONS	(EST)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH JEFFERY		9	14	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
JIM BECKER	Jim Becker	9	14	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Edward Burns		9	16	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 880747

10

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/19/2013	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	181.74	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057932	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 09/19/2013 13:31	NORTH LAB INB RB	lic75936	Inbound	Gross	77840 lb
Out 09/19/2013 13:53	NORTH 2 OUTBO JB2	Lic 017004		Tare	25480 lb
				Net	52360 lb
				Tons	26.18

Comments License: ag00809, PA, Owner: KBS INC, Address: RT 30 & KBS ROAD PO BOX 7 THOMASVIL

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	26.18	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

10

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk #

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSTENO 610 656 4012

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057932

B. State Generator's ID

5. Transporter 1 Company Name: KBS AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	22	Tons	EST
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH [illegible]	[signature]	09	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Bruce Witter Truck 66	[signature]	9	19	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	19	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 880868

Phs

Customer: NO TRANS AMERICAN WASTE MGT 473997P4E
1 American Way
Warren, OH, 44484

Carriers: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/19/2013	Vehicle#	67
Pay Type	Credit Account	Trailer#	
Billing #	0004646	License#	
Acct Tons	204.24	Driver	
Man Tk#		Haul Tk#	
PO		Dest	NZ

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P4E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057933	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

	Date/Time	Scale	Operator
In	09/19/2013 15:01	NORTH LAB INB	AK LIC#73712
Out	09/19/2013 15:38	NORTH 4 OUTBD	BK Lic 065530

Operation Type-Inbound

Inbound	Gross	70360 lb
	Tare	25360 lb
	Net	45000 lb
	Tons	22.50

Comments:

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.50	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: BB 9/19/13

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	#67

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
MIKE MUSHENO 610 686 4012
4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057933

B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone
KMS AWMS		
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID / F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # 473997PAE	1	DT	1	TONS	(EET)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell / Level / Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY		09	17	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Bob Hartman		9	17	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
				13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 000912

Customer: NO TRANS AMERICAN WASTE NET 473997PNE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/19/2013	Vehicle#	323
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	227.22	Driver	
Plan Tk#		Haul Tk#	
PO		Dest	M2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PNE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057935	Origin #/County	MD/Maryland (State of,MD
Trailer	357	Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator			
In 09/19/2013 15:46	NORTH LAB INB	RB lic75936	Inbound	Gross	78320 lb
Out 09/19/2013 16:13	NORTH 4 OUTBO	EK Lic 065530		Tare	32360 lb
				Net	45960 lb
				Tons	22.98

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.98	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk # 323

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	ATTN MIKE MUSHENO 610 656 4012	WMNA 2057935
4. Generator's Phone: 410-682-1315		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
RING AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	TNS	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KENNETH A. USHERMAN		01	19	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		01	19	13

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

Date 9-19-13 11140

PAYNE TRUCKING
10411 Hall Industrial Drive
Fredericksburg, VA 22408
(540) 898-0045

LD# 0412624

Customer LOCKHEED MARTIN

Driver KEN CAREY 369/T378

Truck # 369

Time Start TRUCK ORDERED NOT USED

Time Finish

Total Time 2 HRS

* NOTE: 1/2 HR WAIT

Customer Signature

Person Signing Ticket Responsible for Accuracy of Hours.
NO CHANGES WILL BE MADE.
Loader is Responsible for Overloading and
Damage to Side Boards.

TRACTOR # 1002

TRAILER # R1002

DRIVER : BARRY BOBBITT

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 185979
PRINTED 9/19/2013 BOOKED KELDE

NJ DEP PERMIT # _____

DECAL # _____

MANIFEST # _____

SHIPPER:

[SJWOO] SJ TRANSPORTATION CO., INC.
P.O. BOX 169
1176 US. RT 40
WOODSTOWN,NJ 08098

(800) 524-2552

CONSIGNEE:

[LOCMID] LOCKHEED
2323 EASTERN BLVD

MIDDLE RIVER,MD 21220

KEN JEFFERY
(302) 621-4907

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # 2025

PICKUP DATE 09/20/2013
TIME 12:00
IN 1355 OUT 1400

DELIVER DATE 09/20/2013
TIME 14:00
IN 1430 OUT 1515

GROSS WT _____
TARE WT _____
NET WT _____

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):
2025 out from SJ

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):
2025 in from SJ.
moved box 3032

DESCRIPTION:

GAL LOAD _____

ORDER REF #'S:
PO : 51330

SPECIAL INSTRUCTIONS:
spot a 20yd sj box with a liner / between the Exxon and Ball fields Walt Oneil 706-201-3646

CONTACT : Cliff O

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN,OH 44489

RUDY STRENG (330) 856-8800

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SHIPPER _____ DATE _____

CONSIGNEE [signature] DATE 9/20/13

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

PERSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE HAZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION OR WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER : [signature]
DATE : 9-20-13

TRACTOR # 1001

TRAILER # R1001

DRIVER : GEORGE OWENS IV

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 187486
PRINTED 9/26/2013 BOOKED GTHOM

NJ DEP PERMIT # 16812

DECAL # 11696

MANIFEST # N/A

SHIPPER:

[SJWOO] SJ TRANSPORTATION CO., INC.
P.O. BOX 169
1176 US. RT 40
WOODSTOWN.NJ 08098

(800) 524-2552

CONSIGNEE:

[LOCMID01] LOCKHEED MARTIN
195 Chesapeake Park Plaza

MIDDLE RIVER.MD 21220

Tony Apanavage
(301) 233-8230

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # 339

PICKUP DATE 09/26/2013
TIME 12:00
IN 11:00 OUT 11:15

DELIVER DATE 09/26/2013
TIME 14:00
IN 12:40 OUT 1:20

GROSS WT _____
TARE WT _____
NET WT _____

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):
installed liner

DESCRIPTION:

GAL LOAD _____

ORDER REF #'S:

SPECIAL INSTRUCTIONS:
Drop 25 yard box with a liner meet Tony Apanavage 301-233-8230

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN.OH 44489

CONTACT : Cliff D

RUDY sTRENG (330) 856-8800

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SHIPPER _____ DATE _____

CONSIGNEE [signature] DATE 9/26/13

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

PERSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE HAZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION OR WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER :
DATE :

Printed with pdfFactory Pro trial version - purchase at www.pdffactory.com

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 885765

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/30/2013	Vehicle#	348 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	119.43	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057938	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/30/2013 11:47	NORTH LAB INB	AK LIC#73712
Out 09/30/2013 12:10	NORTH 2 OUTBO	SK Lic 056734

Operation Type-Inbound

Inbound	Gross	74660 lb
	Tare	29280 lb
	Net	45380 lb
	Tons	22.69

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.69	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TK # 348

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	ATTN MIKE MUSHEND 610 636 4012	WMNA	2057938
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
PAINE, AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	27	TONS	(est)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JAFFREY	Ken Jaffrey	09	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		09	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 885700

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	09/30/2013	Vehicle#	369 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	59.99	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057940	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In 09/30/2013 10:43	NORTH LAB INB RB	lic75936	Inbound
Out 09/30/2013 11:03	NORTH 2 OUTBO SK	Lic 056734	

Gross	73800 lb
Tare	28980 lb
Net	44820 lb
Tons	22.41

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	22.41	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	TKT 369

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):
ATTN
MIKE MUSHEND
410 656 4012

A. Manifest Number: WMNA 2057940

B. State Generator's ID

5. Transporter 1 Company Name: RAYNE, NUMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	21	TONS	(EST)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell ____ Level ____ Grid ____

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFERY		07	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
KEN CANE		7	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
	LOT 01548 369/1328			

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 855697

Customer: NO TRANS AMERICAN WASTE MGT 473997D4E
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	09/30/2013		Vehicle#	69	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	20.22		Driver		
Man Tk#			Haul Tk#		
PO			Test	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997D4E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	996
Manifest	2057941	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/30/2013 10:39	NORTH LOB INB RB	lic75936
Out 09/30/2013 10:56	NORTH 4 OUTBD KS	LIC 76012

Operation Type-Inbound
Inbound

Gross	66180 lb
Tare	25740 lb
Net	40440 lb
Tons	20.22

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	20.22	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFS-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Frank Degennaro

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK# 67

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	2057941
		B. State Generator's ID	
4. Generator's Phone: 410-682-1315			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS, AWMS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	**10. US EPA ID Number**	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** **WM Profile #** 473997PAE	1	DT	21	TNS	(EST)
b. **WM Profile #**					
c. **WM Profile #**					
d. **WM Profile #**					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN EFFEDY		09	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
FRANK Wagaman	Frank Wagaman	9	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

7

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 0056699

Customer: NO TRANS AMERICAN WASTE MGT 473997B9E Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/30/2013	Vehicle#	64 Volume 30.0
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	37.58	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997B9E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057942	Origin #/County	MD/Maryland (State of, MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 09/30/2013 10:41	NORTH LAB INB RB	11c75936
Out 09/30/2013 11:01	NORTH 3 OUTBO LR	Lic 0653358

Operation Type-Inbound
Inbound

Gross	60400 lb
Tare	25600 lb
Net	34720 lb
Tons	17.36

Comments:

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.36	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk#64

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):
ATTN
MIKE MUSHENO
610 656 4012

A. Manifest Number: WMNA 2057942

B. State Generator's ID

5. Transporter 1 Company Name: KBS, AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	22	TONS	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JARECKI		09	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
TOM VISIO	TOM VISIO	9	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 885728

Customer: NO TRANS AMERICAN WASTE MGT 473997P4E Carrier: KBS KBS Building & Property Maint.
1 American Way
Warren, OH, 44484

KBS Building & Property Maint.

Tkt Date 09/30/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 96.74
Man Tk#
PO

Vehicle# 62 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997P4E (GN-987 NON HAZ SOIL)
EPA ID N/A
Manifest 2057943
Trailer

Waste # 006
Origin #/County MD/Maryland (State of, MD
Origin Name Maryland

Date/Time	Scale	Operator
In 09/30/2013 11:10	NORTH LAB INB RB	lic75936
Out 09/30/2013 11:42	NORTH 3 OUTBO LR	Lic 0653358

Operation Type-Inbound
Inbound

Gross	64100 lb
Tare	25300 lb
Net	38800 lb
Tons	19.34

Comments:

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.34	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: Chuck Booth

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

9 BUCKETS

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. / Manifest Doc No.	2. Page 1 of 1	62 X

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 4. Generator's Phone: 410-682-1315	ATTN MIKE MUSTELLO 610 654 4012	WMNA 2057943 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone
KBS AWMS		
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID / F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID / H. State Facility Phone
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	12	TONS	EST
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN LOFFERY		07	23	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

CROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 005731

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 09/30/2013
Pay Type Credit Account Chk#
Billing # 0004646
Acct Tons 77.40
Man Tk#
PO

Vehicle# 54 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (ON-987 NON HAZ SOIL)
EPA ID N/A
Manifest 2057944
Trailer
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Date/Time	Scale	Operator
In 09/30/2013 11:13	NORTH LAB INB	RB lic75936
Out 09/30/2013 11:41	NORTH 3 OUTBO	LR Lic 065350

Operation Type-Inbound
Inbound

Gross	64200 lb
Tare	29460 lb
Net	34820 lb
Tons	17.41

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	17.41	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster:

Driver: Jim Becker 54

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	TK 54

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	ATTN: MIKE MUSHED 610 656 4012	WMNA	2057944
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
KBS, AMWMS		D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TONS	CONCRETE (50)
b. WM Profile #					
c. WM Profile #					
d. WM Profile #		B			

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN JEFFREY	Ken Jeffrey	05	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
JIM BECKER	Jim Becker	05	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067
Ph:

Original
Ticket# 885983

Customer: NO TRANS AMERICAN WASTE MGT 473997P4E Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	09/30/2013	Vehicle#	48
Pay Type	Credit Account	Trailer#	
Billing #	0004646	License#	
Acct Tons	138.60	Driver	
Plan Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LOCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997P4E (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	20579945	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound	
In 09/30/2013 12:11	NORTH LAB INB	RB lic75936	Inbound Gross	63360 lb
Out 09/30/2013 12:37	NORTH 4 OUTBO	KS LIC 76012	Tare	25020 lb
			Net	38340 lb
			Tons	19.17

Comments

	Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	19.17	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFb-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Drivers: _____

403-WMPA

VOID - CUSTOMER DO NOT ACCEPT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	48

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):
ATTN MIKE MUSHO
610 656 4012

A. Manifest Number: WMNA 2057945

B. State Generator's ID

5. Transporter 1 Company Name: KBS AWMS

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	2	Tns	EX
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

10 BUCKETS

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
KEN JEFFERY	[signature]	07	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Kevin Johns	[signature] 48	9	31	13

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Robert Davis		1	30	17

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 886199

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: PAYNE
1 American Way
Warren, OH, 44484

Tkt Date	10/01/2013	Vehicle#	501 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	21.42	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2057940	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In 10/01/2013 07:17	NORTH LAB INB RB	lic75936	Inbound
Out 10/01/2013 07:37	NORTH 4 OUTBD BK	Lic 065530	

Gross	60260 lb
Tare	25420 lb
Net	42040 lb
Tons	21.42

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.42	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster: _____ Driver: Sandel 501

0413349

403-WMPA

CUSTOMER'S COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	Tk# 501

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):
ATTN
MIKE MUSHENO
610 656 9012

A. Manifest Number: WMNA 2057948

B. State Generator's ID

5. Transporter 1 Company Name: Payne, Anthony

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	Tons	Lest
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: 501

Cell | Level

Grid

15. Special Handling Instructions and Additional Information: Sendel 0413349

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Ken Jeffrey	[signature]	09	30	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Jim Sendel	[signature]	9	30	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
0413349 501				

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

TRACTOR # 1001

TRAILER # R1001

DRIVER : GEORGE OWENS IV

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 192061
PRINTED 12/31/2013 BOOKED JLIGH

NJ DEP PERMIT # 1609Z

DECAL # 1169b

MANIFEST # WMNA 2057956

SHIPPER:

[LOCMID01] LOCKHEED MARTIN
195 Chesapeake Park Plaza

MIDDLE RIVER,MD 21220

Tony Apanavage
(301) 233-8230

CONSIGNEE:

[GROMOR] GROWS LANDFILL
1000 NEW FORD MILL ROAD

MORRISVILLE,PA/BU 19067

(215) 736-9540 PA0000429589

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # 3032

PICKUP DATE 01/02/2014
TIME 08:00
IN 7:30 OUT 8:10

DELIVER DATE 01/02/2014
TIME 12:00
IN 10:45 OUT 11:45

GROSS WT _____
TARE WT _____
NET WT _____

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

DESCRIPTION:

GAL LOAD _____

ORDER REF #'S:

No box Pickup Loaded Box

SPECIAL INSTRUCTIONS:
KEN JEFFREY 302-690-6862 CALL UPON ARRIVAL

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN,OH 44489

CONTACT : George

RUDY STRENG (330) 856-8800

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SHIPPER _____ DATE 1/2/14

CONSIGNEE _____ DATE _____

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

PERSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE HAZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION OR WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER :
DATE :


WM
WASTE MANAGEMENT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057956

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	CM	1	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

TRACTOR # 1001

TRAILER # R1001

DRIVER : GEORGE OWENS IV

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 192062
PRINTED 1/2/2014 BOOKED JLIGH

NJ DEP PERMIT # 16092

DECAL # 11696

MANIFEST # WMA 205787

SHIPPER:

[LOCMID01] LOCKHEED MARTIN
195 Chesapeake Park Plaza

MIDDLE RIVER,MD 21220

Tony Apanavage
(301) 233-8230

CONSIGNEE:

[GROMOR] GROWS LANDFILL
1000 NEW FORD MILL ROAD

MORRISVILLE,PA/BU 19067

(215) 736-9540 PAD000429589

TRAILER TYPE: ROLL
UNIT:
IN # _____ OUT # _____

PICKUP DATE 01/03/2014
TIME 08:00
IN 8:00 OUT 11:45

DELIVER DATE 01/03/2014
TIME 12:00
IN 11:00 OUT 1:00

GROSS WT
TARE WT
NET WT

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

Had to dig frozen dirt out of box

DESCRIPTION:

GAL LOAD

ORDER REF #'S:

SPECIAL INSTRUCTIONS:
KEN JEFFREY 302-690-6862 CALL UPON ARRIVAL

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN,OH 44489

CONTACT : George

RUDY STRENG (330) 856-8800

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SHIPPER _____ DATE 1/3/14

CONSIGNEE _____ DATE _____

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

PERSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE HAZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION OR WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER :
DATE :

WASTE MANAGEMENT

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2057957

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1		1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell | Level | Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

RACTOR # 1156

RAILER # R613

DRIVER : JOSEPH STROUP

SJ TRANSPORTATION CO., INC.
1176 U.S. ROUTE 40
P.O. BOX 169
WOODSTOWN, NJ 08098
(856) 769-2741
WWW.SJTRANSPORTATION.COM
EPA ID: NJD071629976

ORDER # 192063
PRINTED 1/3/2014 BOOKED JLIGH

NJ DEP PERMIT # _____

DECAL # _____

MANIFEST # WMNA2057958

HIPPER:

LOCMID01] LOCKHEED MARTIN
95 Chesapeake Park Plaza

IDDLE RIVER,MD 21220

ony Apanavage
301) 233-8230

CONSIGNEE:

[GROMOR] GROWS LANDFILL
1000 NEW FORD MILL ROAD

MORRISVILLE,PA/BU 19067

(215) 736-9540 PAD000429589

RAILER TYPE: ROLL
NIT: IN # R613 OUT # R613

PICKUP DATE 01/06/2014
TIME 08:00
IN _____ OUT _____

DELIVER DATE 01/06/2014
TIME 12:00
IN _____ OUT _____

GROSS WT _____
TARE WT _____
NET WT _____

OMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

COMMENTS (EXPLAIN DELAY AND DESCREPANCIES):

ESCRIPTION:

GAL LOAD _____

ORDER REF #'S:

PECIAL INSTRUCTIONS:
N JEFFREY 302-690-6862 CALL UPON ARRIVAL

BILL TO:

AMERICAN WASTE MANAGEMENT
1 AMERICAN WAY

WARREN,OH 44489

NTACT : George

RUDY STRENG (330) 856-8800

HIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND ABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT TRANSPORTATION.

IIPPER _____ DATE 1/6/14 CONSIGNEE _____ DATE _____

********** VISIT US ON THE WEB AT: WWW.SJTRANSPORTATION.COM **********

RSONNEL ARE AVAILABLE 24 HOURS/DAY WITH KNOWLEDGE OF THE ZARDS OF THE MATERIAL AND EMERGENCY RESPONSE INFORMATION WHO HAS ACCESS TO A PERSON WITH THAT KNOWLEDGE.

CARRIER : SJ TRANSPORTATION CO., INC. (800) 524-2552
PER :
DATE : 1-6-14

Pick up 3 Bows


WM
WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	[illegible]	WMNA	2057958
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
[illegible]		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	[illegible]	1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
[illegible]	[illegible]			

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 960518

Customer: NC TRANS AMERICAN WASTE MGT 473997PAE
American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/10/2014	Vehicle#	48
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	36.84	Driver	
Man Tk#		Haul Tk#	
LC		Dest	N2

Volume

Generator	132-LCKHEEDMPTNMD LCKHD MRTN MIDDLE P	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033743	Origin #/County	MD/Maryland (State of,MD)
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 04/10/2014 10:55	NORTH LAB INB	RB lic75936
Out 04/10/2014 11:33	NORTH 4 OUTBO	DK LIC77400

Operation Type-Inbound

Inbound		
	Gross	63060 lb
	Tare	25140 lb
	Net	37940 lb
	Tons	18.97

Comments

Product	LOW	Qty	UOM	Rate	Tax	Amount	Origin

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	2033743
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1		1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

6

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA. 19067

Original
Ticket# [illegible]

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 47[illegible] Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date 04/10/2014 Vehicle# 66 Volume
Pay Type Credit Account Chk# Trailer#
Billing # 00046[illegible] License#
Acct Tons 17.87 Driver
Man Tk# Haul Tk#
PO Dest M2

Generator 13[illegible] LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 47[illegible] (GN 987 NON HOC SOIL)
EPA ID N/A Waste # 006
Manifest 2033744 Origin #/County MD/Maryland (State of MD
Trailer Origin Name Maryland

Operation Type Inbound

Date/Time	Scale	Operator	Inbound		
In 04/10/2014 10:27	NORTH LAB IND	RB lic7[illegible]		Gross	[illegible]
Out 04/10/2014 11:00	NORTH 3 OUT90	DW Lic 0[illegible]		Tare	[illegible]
				Net	[illegible]
				Tons	[illegible]

Comments

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2033744

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1		1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 968576

Ph:

Customer: HD TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date 04/10/2014
Pay Type Credit Account Chk#
Billing # 0004636
Acct Ton 56.09
Man Tk#
PO

Vehicle# 44 Volume
Trailer#
License#
Driver
Haul Tk#
Dest NO

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE P
EPA ID N/A
Manifest 2033745
Trailer

Profile 473997PAE (GN 947 NON HAZ SOIL)
Waste # 006
Origin #/County MD/Maryland (State of,MD
Origin Name Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 04/10/2014 11:32	NORTH LAB INB	RB lic75936		Gross	64730 lb
Out 04/10/2014 11:59	NORTH 3 OUTBO	AB LIC77399		Tare	[illegible] lb
				Net	[illegible] lb
				Tax	[illegible]

Comments

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220 4. Generator's Phone: 410-682-1315		WMNA 2033745 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TONS	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
		04		

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 960580

Customer: MO TRANS AMERICAN WASTE MST 473997PAE
1 American Way
Warren, OH, 44464

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/10/2014	Vehicle#	56
Pay Type	Credit Account Cnk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	74.92	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033746	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 04/10/2014 11:35	NORTH LAB INB	RB lic75936		Gross	65720 lb
Out 04/10/2014 12:10	NORTH 2 OUTBO	JB2 Lic 017804		Tare	28060 lb
				Net	37660 lb
				Tons	18.83

Comments

Product	LDM	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Mix-Tons	100	[illegible]	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2033746

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** WM Profile # **473997PAE**	1	DT	21	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell | Level

Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 960616

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint
KBS Building & Property Maint.

Tkt Date	04/10/2014	Vehicle#	41 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	105.50	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033747	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 04/10/2014 12:25	NORTH LAB INB	RB lic75936		Gross	52140 lb
Out 04/10/2014 13:08	NORTH 4 OUTBO	DK LIC77400		Tare	26200 lb
				Net	25940 lb
				Tons	12.97

Comments:

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Mix-Tons	100	12.97	Tons				MD

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA 2033747
4. Generator's Phone: 410-682-1315		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1		1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 960615

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH. 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/10/2014	Vehicle#	69 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	92.53	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033749	Origin #/County	MD/Maryland (State of)MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 04/10/2014 12:24	NORTH LAB INB	RB Lic75936		Gross	60940 lb
Out 04/10/2014 12:55	NORTH 2 OUTBO	JB2 Lic 017804		Tare	25720 lb
				Net	35220 lb
				Tons	17.61

Comments

Product	LDM	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons-	100	17.61	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2033749

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1		1		
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

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Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

BROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 960932

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date	04/11/2014	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	22.82	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	138-LOCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (SN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033750	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound	
In 04/11/2014 06:31	NORTH LAB INB RB 1	ic 075936	Inbound Gross	71740 lb
Out 04/11/2014 06:51	NORTH 4 OUTBD JB3	ic 066877	Tare	25100 lb
			Net	45640 lb
			Tons	22.82

Comments

Product	LOC	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons-	000	22.82	ton				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	2033750
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TONS	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 951075

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

Tkt Date 04/11/2014
Pay Type Credit Account Chk#
Billing # 0004546
Acct Tons 105.79
Man Tk#
PO

Vehicle# 48 Volume
Trailer#
License#
Driver
Haul Tk#
Dest N2

Generator 132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R Profile 473997PAE (GN-987 NON HAZ SOLID
[illegible] Scale Operator Origin [illegible]
In 04/11/2014 09:13 NORTH LAB INB RE 1.c75936 Tare 25240 lb
Out 04/11/2014 09:47 NORTH 4 OUTBO DK 1.C77400 Net 43100 lb
Tons 21.55

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	21.55	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA	2033751
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DF	21	TON	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# [illegible]

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/11/2014	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	44.24	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTHMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033753	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 04/11/2014 07:59	NORTH LAB INB	RB lic75936
Out 04/11/2014 08:20	NORTH 4 OUTBO	DW Lic 061464

Operation Type-Inbound

Inbound		
	Gross	68740 lb
	Tare	25900 lb
	Net	42840 lb
	Tons	21.42

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	MIKE MARSHALL	WMNA	2033753
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TNS	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN [illegible]				

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 961080

9

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/11/2014	Vehicle#	56 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	64.55	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEFDMRTHMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033754	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 04/11/2014 08:10	NORTH LAB INB	RB lic75936
Out 04/11/2014 08:36	NORTH 4 OUTBO	DW Lic 061464

Operation Type-Inbound

Inbound	Gross	68820 lb
	Tare	28300 lb
	Net	40620 lb
	Tons	20.31

Comments

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons-	100	20.31	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):
MIKE MASLAND
60 MSE HWY 2

A. Manifest Number: WMNA 2033754

B. State Generator's ID

5. Transporter 1 Company Name: KBS AWM

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	CF	21	PE	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
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Printed Name	Signature "On behalf of"	Month	Day	Year
[illegible]	[signature]	04	10	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 961015

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/11/2014	Vehicle#	41 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	84.14	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033755	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator
In 04/11/2014 08:04	NORTH LAB INB	RB lic75936
Out 04/11/2014 08:39	NORTH 4 OUTBO	DW Lic 061464

Operation Type-Inbound

Inbound	Gross	65520 lb
	Tare	26340 lb
	Net	39180 lb
	Tons	19.59

Comments

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc-Tons	100	19.59	Tons				MD

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA 2033755
4. Generator's Phone: 410-682-1315		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1				
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

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Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

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Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA. 19067

Ph:

Original
Ticket# 961272

Customer: NC TRANS AMERICAN WASTE MET 473997PAE
1 American Way
Warren, OH. 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/11/2014	Vehicle#	66 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	126.56	Driver	
Man Tk#		Haul Tk#	
PO		Cost	N2

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033756	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date-Time	Scale	Operator			
In 04/11/2014 12:30	NORTH LAB INB	BR LIC77946	Inbound	Gross	67940 lb
Out 04/11/2014 13:02	NORTH 4 OUTBO	DK LIC77400		Tare	25800 lb
				Net	42140 lb
				Tons	21.07

Comments

Product	LC%	Qty	COM	Rate	Tax	Amount	Origin
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2033756

B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID / F. Transporter's Phone

9. Designated Facility Name and Site Address
TULLYTOWN RESOURCE RECOVERY FACILITY
200 BORDENTOWN ROAD
TULLYTOWN, PA 19007
PERMIT# 101494

GROWS NORTH LANDFILL
1000 NEW FORD MILL ROAD
MORRISVILLE, PA 19067
PERMIT# 101680

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1				
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell / Level / Grid

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:
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Printed Name	Signature "On behalf of"	Month	Day	Year
		4	1	14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Original
Ticket# 961370

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/11/2014	Vehicle#	69
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	147.06	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033757	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 04/11/2014 14:11	NORTH LAB INB	BR LIC77946		Gross	66020 lb
Out 04/11/2014 14:34	NORTH 4 OUTBO	DK LIC77400		Tare	25620 lb
				Net	40400 lb
				Tons	20.20

Comments

Product	LBK	Qty	UOM	Rate	Tax	Amount	Origin
1 General Misc-Tons	100	20.20	Tons				NO

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
LOCKHEED MARTIN CORPORATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220

4. Generator's Phone: 410-682-1315

Generator's Site Address (If different than mailing):

A. Manifest Number: WMNA 2033757

B. State Generator's ID

5. Transporter 1 Company Name	**6. US EPA ID Number**	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	**10. US EPA ID Number**	G. State Facility ID H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. **NON RCRA HAZARDOUS SOIL** **WM Profile #** 473997PAE	1	DT	21	TN	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:
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Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
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20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067 Ph:

Original
Ticket# 961391

Customer: ND TRANS AMERICAN WASTE MGT 473997PAE Carrier: KBS KBS Building & Property Maint.
1 American Way KBS Building & Property Maint.
Warren, OH, 44484

TKt Date	04/11/2014	Vehicle#	41 Volume
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	181.33	Driver	
Man TK#		Haul TK#	
PO		Dest	NE

Generator	132-LOCKHEEDMRTNMD LOCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	005
Manifest	2033758	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound
In 04/11/2014 14:40	NORTH LAB INB BR	LIC77946	Inbound
Out 04/11/2014 15:08	NORTH 4 OUTBO DK	LIC77400	

Gross	61920 lb
Tare	26060 lb
Net	35860 lb
Tons	17.93

Comments

Product	LOX	Qty	UOM	Rate	Tax	Amount	Origin
1 Special Misc/Trans 100		17.93	Tons				MD

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220		WMNA 2033758
4. Generator's Phone: 410-682-1315		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID / F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID / H. State Facility Phone
TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680		

11. Description of Waste Materials	12 Containers No.	12 Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	21	TN	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

Ph:

Original
Ticket# 961282

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

Tkt Date	04/11/2014	Vehicle#	55
Pay Type	Credit Account Chk#	Trailer#	
Billing #	0004646	License#	
Acct Tons	153.40	Driver	
Man Tk#		Haul Tk#	
PO		Dest	N2

Volume

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE &	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033709	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Operation Type-Inbound

Date/Time	Scale	Operator	Inbound		
In 04/11/2014 14:30	NORTH LAB INB	BR - IC77946		Gross	60580 lb
Out 04/11/2014 14:55	NORTH 2 OUTBO	JB2 Lic 017004		Tare	27900 lb
				Net	32680 lb
				Tons	16.34

Comments

Product	LOW	Qty	UOM	Rate	Tax	Amount	Origin

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK# 56

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	MIKE MUSHENO 610 656 4012	WMNA	2033759
4. Generator's Phone: 410-682-1315		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
[illegible]		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	
		G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL	1	DT	28	BAS	
WM Profile # 473997PAE					
b.					
WM Profile #					
c.					
WM Profile #					
d.					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903 -7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
[illegible]	[illegible]	[illegible]		

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

GROWS NORTH
1000 New Ford Mill Road
Morrisville, PA, 19067

32.00 0290048 KELLER 48

Original
Ticket# 961455

Ph:

Customer: NO TRANS AMERICAN WASTE MGT 473997PAE
1 American Way
Warren, OH, 44484

Carrier: KBS KBS Building & Property Maint.
KBS Building & Property Maint.

american waste

Tkt Date	04/11/2014		Vehicle#	48	Volume
Pay Type	Credit Account	Chk#	Trailer#		
Billing #	0004646		License#		
Acct Tons	199.82		Driver		
Man Tk#			Haul Tk#		
PO			Dest	N2	

Generator	132-LCKHEEDMRTNMD LCKHD MRTN MIDDLE R	Profile	473997PAE (GN-987 NON HAZ SOIL)
EPA ID	N/A	Waste #	006
Manifest	2033760	Origin #/County	MD/Maryland (State of,MD
Trailer		Origin Name	Maryland

Date/Time	Scale	Operator	Operation Type-Inbound		
In 04/11/2014 16:12	NORTH LAB INB	AK LIC#73712	Inbound	Gross	62180 lb
Out 04/11/2014 17:03	NORTH 4 OUTBO	DK LIC77400		Tare	25200 lb
				Net	36980 lb
				Tons	18.49

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Special Misc-Tons-	100	18.49	Tons				MD
2	FUEL-Fuel Surcharg	100		%				MD
3	EVFt-L-Standard En	100	1	Load				MD

Total Tax
Total Ticket

Weighmaster:_____ Driver:_____

403-WMPA

CUSTOMER'S COPY

KELLER 48

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	TK #43

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number
LOCKHEED MARTIN CORPORATION 2323 EASTERN BLVD MIDDLE RIVER, MD 21220	MIKE MUSTEND 410 1856 402	WMNA 2033760
4. Generator's Phone: 410-682-1315		B. State Generator's ID
5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address TULLYTOWN RESOURCE RECOVERY FACILITY 200 BORDENTOWN ROAD TULLYTOWN, PA 19007 PERMIT# 101494 GROWS NORTH LANDFILL 1000 NEW FORD MILL ROAD MORRISVILLE, PA 19067 PERMIT# 101680	10. US EPA ID Number	G. State Facility ID H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON RCRA HAZARDOUS SOIL WM Profile # 473997PAE	1	DT	22	TNS	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: (973)903-7022

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
KEN BAILEY	K. Bailey	9	11	14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
			11	14

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

APPENDIX H—CLEAN HARBORS WASTE PROFILE AND MANIFESTS

3120

D48742478 SC PFW 8/6/2013

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MDR000524413	1	(800) 483-3718	007012628 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Generator's Site Address (if different than mailing address)
195 Chesapeake Park Plaza Rd
Baltimore, MD 21220

Generator's Phone:

6. Transporter 1 Company Name
Clean Harbors Environmental Services Inc

U.S. EPA ID Number
MAD039322250

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230
(410) 244-9200

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE, F001), 9, PG III	1	TT	456	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: (X) KENNETH A JEFFREY JR. Signature: [signature] Month: 12 Day: 19 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CLYDE M. KNIGHT Signature: [signature] Month: 12 Day: 19 Year: 13

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. GENERATOR'S INITIAL COPY

D48349305 9C PPW 8/6/2013

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(800) 483-3718	006748571 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Generator's Phone:

Generator's Site Address (if different than mailing address)
195 Chesapeake Park Plaza Rd
Baltimore, MD 21220

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230
(410) 244-8200
Facility's Phone:
U.S. EPA ID Number: MDD980655185

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE, F001), 9, PG III	001	TT	475	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY NRCM Signature: [signature] Month: 10 Day: 31 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lawrence J. Geho Signature: [signature] Month: 10 Day: 31 Year: 13

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H129	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

3120

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47689475 SC PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000534413
2. Page 1 of 1
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 006804996 FLE

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Mike Mushenno
610 656 4012
Generator's Phone:

Generator's Site Address (if different than mailing address)
2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore In
1910 Russell Street
Baltimore, MD 21230
Facility's Phone: (410) 244-8
U.S. EPA ID Number: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. NA3082, HAZARDOUS WA (TRICHLOROETHYLENE,F0	1	4	44	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery Jr. Signature: [signature] Month 03 Day 12 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Andrews Signature: [signature] Month 3 Day 12 Year 13
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

3101

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47699475 SC PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(800) 483-3718	006804998 FLE

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Mike Muslewski
610 656-4012
Generator's Phone:

Generator's Site Address (if different than mailing address)
2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore In
1910 Russell Street
Baltimore, MD 21230
Facility's Phone: (410) 244-9200
U.S. EPA ID Number: MDD[illegible]51[illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. NA3082, HAZARDOUS WA[illegible] (TRICHLOROETHYLENE,F0[illegible]	1	TT	48	[illegible]	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
TRICH
ADJ TO CSE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR. — Signature: [signature] — Month 12 Day 13 Year

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month 12 Day 13 Year
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47689476 SC PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MDR000624413	1	(800) 483-3748	006805000 FLE

GENERATOR

5. Generator's Name and Mailing Address

Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Generator's Phone:

Generator's Site Address (if different than mailing address)

2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name — U.S. EPA ID Number

Clean Harbors Environmental Services Inc — MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230

Facility's Phone: (410) 244-9200

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE,F001), 9, PG III	001	TT	5,174	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

ERG# 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number: 006810028 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Generator's Phone:

Generator's Site Address (if different than mailing address)
195 Chesapeake Park Plaza Rd
Baltimore MD 21220

6. Transporter 1 Company Name: Clean Harbors Environmental Services | U.S. EPA ID Number

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230
Facility's Phone:

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE, F001), 9, PG III			9	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG#171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KEN JEFFERY | Signature | Month: 10 | Day: 7 | Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LESTER O UHLER | Signature | Month: 10 | Day: 07 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

D47689475 SC PPW 3/3/2011

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(800) 483-3719	006804999 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Generator's Site Address (if different than mailing address)
2323 Eastern Boulevard
Middle River, MD 21220

Generator's Phone:

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
5910 Russell Street
Baltimore, MD 21230
(410) 244-8200

U.S. EPA ID Number: MD 055

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13 Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE,F001), 9, PG III	001	TT	5,7		
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month: 08 Day: 15 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lawrence J. Geho — Signature: [signature] — Month: 08 Day: 15 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47689475 SC PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(800) 483-3718	006805049 FLE

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
ATTN: MIKE MUSHENO 610 696 4012
Generator's Phone:

Generator's Site Address (if different than mailing address)
2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
x	1. NA3082, HAZARDOUS WAS (TRICHLOROETHYLENE,FO			5000	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFERY JR — Signature: [signature] — Month 03 Day 19 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: LESTER O UHLER — Signature: [signature] — Month 8 Day 19 Year 13
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number: 006805050 FLE

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
ATTN: MIKE MUSHENO CO CSG 402

Generator's Site Address (if different than mailing address)
2323 Eastern Boulevard
Middle River, MD 21220

Generator's Phone:

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc | U.S. EPA ID Number

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE, F001), 9, PG III			5		F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ERG#171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47689475 SC PTW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(800) 483-3716	006805048 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Generator's Phone: Mike McLeod (202) 656-4217

Generator's Site Address (if different than mailing address)
2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name
Clean Harbors Environmental Services Inc

U.S. EPA ID Number
MAD039322250

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230
Facility's Phone: (410) 244-9200

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE, F001), 9, PG III	1	TS			F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ERG#171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kenneth A. Jeffery JR. Signature: [signature] Month: 08 Day: 19 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LESTER MILLER Signature: [signature] Month: 8 Day: 19 Year: 13

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping

3120

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47689475 SC PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(800) 483-3710	006805113 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Generator's Phone:

Generator's Site Address (if different than mailing address)
2229 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230
Facility's Phone: (410) 244-8200
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA1993, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE, F001), 9, PG III	1		5178	G	
	2.					
	3.					
	4.					

7124113 CLEAN HARBORS CONTAINER ID ECHO LSA01-1 STORE 2-1

14. Special Handling Instructions and Additional Information
1. CH6691348 ERG# 171
OT C K452

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X KENNETH J. JENSEN JR
Signature: Kenneth Jensen
Month: 8 Day: 22 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CLYDE M. KNIGHT
Signature:
Month: 8 Day: 22 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

3/01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 047689475 9C PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000824413	1	(800) 483-3718	006805114 FLE

GENERATOR

5. Generator's Name and Mailing Address

Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Generator's Phone:

Generator's Site Address (if different than mailing address)

2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name — U.S. EPA ID Number

Clean Harbors Environmental Services Inc — MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230

Facility's Phone: (410) 244-8200

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE, F001), 9, PG III	1	T	5100		D001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. CH691348 ERG# 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X KENNETH A. [illegible] — Signature: (X) [signature] — Month / Day / Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month: 3 / Day / Year

Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month / Day / Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

360

D47689475 SC PPW 3/3/2011

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(800) 483-3718	006805105 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Generator's Site Address (if different than mailing address)
2323 Eastern Boulevard
Middle River, MD 21220

Generator's Phone:

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1.	1		2	G	F
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ken Jeffers — Signature — Month: 3 Day: 26 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tracy Andrews — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month: 8 Day: 26 Year: 13

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

3120

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47089475 SC PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	MDR000524413	1	(800)483-3718	006805104 FLE

GENERATOR

5. Generator's Name and Mailing Address

Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Generator's Phone:

Generator's Site Address (if different than mailing address)

2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name — U.S. EPA ID Number

Clean Harbors Environmental Services Inc — MAD039322250

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230

MDD980555189

Facility's Phone: (410)354-3200

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE,F001), 9, PG III	1	TT	470	G	F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

1. CH669134B ERG#171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. [illegible] — Signature — Month: 03 Day: 26 Year: 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature — Month: 03 Day: 30 Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H120			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) D47689475 SC PPW 3/3/2011 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of 1
3. Emergency Response Phone: (800) 483-2718
4. Manifest Tracking Number: 006805126 FLE

GENERATOR

5. Generator's Name and Mailing Address
Middle River Complex
195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Generator's Phone:

Generator's Site Address (if different than mailing address)
ATTN: MIKE MYERS
GRG564012
2323 Eastern Boulevard
Middle River, MD 21220

6. Transporter 1 Company Name: Clean Harbors Environmental Services Inc
U.S. EPA ID Number: MAD039222250

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors of Baltimore Inc
1910 Russell Street
Baltimore, MD 21230
Facility's Phone: (410) 244-9200
U.S. EPA ID Number: M [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE,F001), 9, PG III	1	1			F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG# 171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. SEIGERT JR. Signature: [signature] Month: 07 Day: 29 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: LESTER O WHITE Signature: [signature] Month Day Year
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Tetra Tech Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Date Sampled: 08/02/13
Date Received: 08/02/13 11:45
Date Issued: 08/05/13

Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: TB-080213 **Matrix: Water** **Lab ID: 13080202-01**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Chloromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Vinyl chloride	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Bromomethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Chloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,1-Dichloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Acetone	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Carbon disulfide	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Methyl acetate	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Methylene chloride	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
trans-1,2-Dichloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Methyl t-butyl ether (MTBE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,1-Dichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
cis-1,2-Dichloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
2-Butanone (MEK)	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Chloroform	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,1,1-Trichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Cyclohexane	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Carbon tetrachloride	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Benzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,2-Dichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Trichloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Methylcyclohexane	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,2-Dichloropropane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Bromodichloromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
cis-1,3-Dichloropropene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Toluene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
trans-1,3-Dichloropropene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,1,2-Trichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Tetrachloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
2-Hexanone (MBK)	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Dibromochloromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,2-Dibromoethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Chlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Ethylbenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
m&p-Xylene	ND	ug/L	2	EPA 8260B	08/02/13	08/02/13 16:54	JKL
o-Xylene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Tetra Tech Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Date Sampled: 08/02/13
Date Received: 08/02/13 11:45
Date Issued: 08/05/13

Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: TB-080213 **Matrix: Water** **Lab ID: 13080202-01**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Styrene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Bromoform	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Isopropylbenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,1,2,2-Tetrachloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,3-Dichlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,4-Dichlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,2-Dichlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,2-Dibromo-3-chloropropane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
1,2,4-Trichlorobenzene	ND	ug/L	2	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Naphthalene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	08/02/13	08/02/13 16:54	JKL
Diisopropyl ether (DIPE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
tert-Amyl methyl ether (TAME)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	08/02/13	08/02/13 16:54	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 16:54	JKL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by:

QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Tetra Tech Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Date Sampled: 08/02/13 9:50
Date Received: 08/02/13 11:45
Date Issued: 08/05/13

Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: MRC-FT-1 **Matrix: Water** **Lab ID: 13080202-02**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Flash Point / Ignitability							
Flash Point	**> 200**	°F		EPA 1010A	08/02/13	08/02/13 14:00	CBS
pH in Water							
pH	**6.85**	pH units		EPA 9040C	08/02/13	08/02/13 13:10	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	ug/L	0.5	EPA 8082	08/05/13	08/05/13 12:22	AC
Aroclor 1221	ND	ug/L	0.5	EPA 8082	08/05/13	08/05/13 12:22	AC
Aroclor 1232	ND	ug/L	0.5	EPA 8082	08/05/13	08/05/13 12:22	AC
Aroclor 1242	ND	ug/L	0.5	EPA 8082	08/05/13	08/05/13 12:22	AC
Aroclor 1248	ND	ug/L	0.5	EPA 8082	08/05/13	08/05/13 12:22	AC
Aroclor 1254	**1**	ug/L	0.5	EPA 8082	08/05/13	08/05/13 12:22	AC
Aroclor 1260	ND	ug/L	0.5	EPA 8082	08/05/13	08/05/13 12:22	AC
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Bis (2-chloroethyl) ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2-Chlorophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2-Methylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Bis (2-chloroisopropyl) ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Acetophenone	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4-Methylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
N-Nitroso-di-n-propylamine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Hexachloroethane	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Nitrobenzene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Isophorone	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2-Nitrophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2,4-Dimethylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Bis (2-chloroethoxy) methane	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2,4-Dichlorophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Naphthalene`	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4-Chloroaniline	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Hexachlorobutadiene`	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Caprolactam	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4-Chloro-3-methylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2-Methylnaphthalene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Hexachlorocyclopentadiene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2,4,6-Trichlorophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2,4,5-Trichlorophenol	ND	ug/L	24	EPA 8270C	08/05/13	08/05/13 12:44	JKL
1,1-Biphenyl	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2-Chloronaphthalene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2-Nitroaniline	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Tetra Tech Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Date Sampled: 08/02/13 9:50
Date Received: 08/02/13 11:45
Date Issued: 08/05/13

Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: MRC-FT-1 **Matrix: Water** **Lab ID: 13080202-02**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2,6-Dinitrotoluene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Acenaphthylene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
3-Nitroaniline	ND	ug/L	24	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Acenaphthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2,4-Dinitrophenol	ND	ug/L	24	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4-Nitrophenol	ND	ug/L	24	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Dibenzofuran	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
2,4-Dinitrotoluene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Diethyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Fluorene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4-Chlorophenyl phenyl ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4-Nitroaniline	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4,6-Dinitro-2-methylphenol	ND	ug/L	24	EPA 8270C	08/05/13	08/05/13 12:44	JKL
N-Nitrosodiphenylamine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
4-Bromophenyl phenyl ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Hexachlorobenzene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Atrazine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Pentachlorophenol	ND	ug/L	24	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Phenanthrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Anthracene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Carbazole	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Di-n-butyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Fluoranthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Pyrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Butyl benzyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
3,3-Dichlorobenzidine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Benzo[a]anthracene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Chrysene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Bis (2-ethylhexyl) phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Di-n-octyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Benzo[b]fluoranthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Benzo[k]fluoranthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Benzo[a]pyrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Indeno[1,2,3-cd]pyrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Dibenz[a,h]anthracene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Benzo[g,h,i]perylene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 12:44	JKL
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Certificate of Analysis

Tetra Tech Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Date Sampled: 08/02/13 9:50
Date Received: 08/02/13 11:45
Date Issued: 08/05/13

Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: MRC-FT-1 **Matrix: Water** **Lab ID: 13080202-02**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Chloromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Vinyl chloride	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Bromomethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Chloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Trichlorofluoromethane	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,1-Dichloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,1,2-Trichlorotrifluoroethane	**50**	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Acetone	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Carbon disulfide	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Methyl acetate	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Methylene chloride	ND	ug/L	120	EPA 8260B	08/02/13	08/02/13 14:00	JKL
trans-1,2-Dichloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Methyl t-butyl ether (MTBE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,1-Dichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
cis-1,2-Dichloroethene	**6**	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
2-Butanone (MEK)	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Chloroform	**15**	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,1,1-Trichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Cyclohexane	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Carbon tetrachloride	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Benzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,2-Dichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Trichloroethene	**11,000**	ug/L	400	EPA 8260B	08/02/13	08/02/13 15:15	JKL
Methylcyclohexane	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,2-Dichloropropane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Bromodichloromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
cis-1,3-Dichloropropene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Toluene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
trans-1,3-Dichloropropene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,1,2-Trichloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Tetrachloroethene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
2-Hexanone (MBK)	ND	ug/L	5	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Dibromochloromethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,2-Dibromoethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Chlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Ethylbenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
m&p-Xylene	ND	ug/L	2	EPA 8260B	08/02/13	08/02/13 14:00	JKL
o-Xylene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Styrene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL

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Date Sampled: 08/02/13 9:50
Date Received: 08/02/13 11:45
Date Issued: 08/05/13

Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: MRC-FT-1 **Matrix: Water** **Lab ID: 13080202-02**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Bromoform	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Isopropylbenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,1,2,2-Tetrachloroethane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,3-Dichlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,4-Dichlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,2-Dichlorobenzene	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,2-Dibromo-3-chloropropane	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
1,2,4-Trichlorobenzene	ND	ug/L	2	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Naphthalene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
tert-Butanol (TBA)	ND	ug/L	25	EPA 8260B	08/02/13	08/02/13 14:00	JKL
Diisopropyl ether (DIPE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
tert-Amyl methyl ether (TAME)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
tert-Amyl alcohol (TAA)	ND	ug/L	25	EPA 8260B	08/02/13	08/02/13 14:00	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/L	1	EPA 8260B	08/02/13	08/02/13 14:00	JKL
TCLP Metals							
Arsenic	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:31	MEL
Barium	ND	mg/L	0.1	1311/6020A	08/02/13	08/02/13 14:31	MEL
Cadmium	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:31	MEL
Chromium	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:31	MEL
Lead	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:31	MEL
Mercury	ND	mg/L	0.002	1311/6020A	08/02/13	08/02/13 14:31	MEL
Selenium	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:31	MEL
Silver	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:31	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by:



QC Chemist

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Date Sampled: 08/02/13 10:15
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Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: UST-2-PW-1 **Matrix: Water** **Lab ID: 13080202-03**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Flash Point / Ignitability							
Flash Point	**> 200**	°F		EPA 1010A	08/02/13	08/02/13 14:20	CBS
pH in Water							
pH	**8.04**	pH units		EPA 9040C	08/02/13	08/02/13 13:10	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	ug/L	0.6	EPA 8082	08/05/13	08/05/13 12:50	AC
Aroclor 1221	ND	ug/L	0.6	EPA 8082	08/05/13	08/05/13 12:50	AC
Aroclor 1232	ND	ug/L	0.6	EPA 8082	08/05/13	08/05/13 12:50	AC
Aroclor 1242	ND	ug/L	0.6	EPA 8082	08/05/13	08/05/13 12:50	AC
Aroclor 1248	ND	ug/L	0.6	EPA 8082	08/05/13	08/05/13 12:50	AC
Aroclor 1254	ND	ug/L	0.6	EPA 8082	08/05/13	08/05/13 12:50	AC
Aroclor 1260	**3**	ug/L	0.6	EPA 8082	08/05/13	08/05/13 12:50	AC
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Bis (2-chloroethyl) ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2-Chlorophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2-Methylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Bis (2-chloroisopropyl) ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Acetophenone	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4-Methylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
N-Nitroso-di-n-propylamine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Hexachloroethane	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Nitrobenzene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Isophorone	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2-Nitrophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2,4-Dimethylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Bis (2-chloroethoxy) methane	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2,4-Dichlorophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Naphthalene`	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4-Chloroaniline	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Hexachlorobutadiene`	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Caprolactam	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4-Chloro-3-methylphenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2-Methylnaphthalene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Hexachlorocyclopentadiene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2,4,6-Trichlorophenol	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2,4,5-Trichlorophenol	ND	ug/L	26	EPA 8270C	08/05/13	08/05/13 13:22	JKL
1,1-Biphenyl	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2-Chloronaphthalene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2-Nitroaniline	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL

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Date Sampled: 08/02/13 10:15
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Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: UST-2-PW-1 **Matrix: Water** **Lab ID: 13080202-03**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2,6-Dinitrotoluene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Acenaphthylene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
3-Nitroaniline	ND	ug/L	26	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Acenaphthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2,4-Dinitrophenol	ND	ug/L	26	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4-Nitrophenol	ND	ug/L	26	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Dibenzofuran	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
2,4-Dinitrotoluene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Diethyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Fluorene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4-Chlorophenyl phenyl ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4-Nitroaniline	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4,6-Dinitro-2-methylphenol	ND	ug/L	26	EPA 8270C	08/05/13	08/05/13 13:22	JKL
N-Nitrosodiphenylamine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
4-Bromophenyl phenyl ether	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Hexachlorobenzene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Atrazine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Pentachlorophenol	ND	ug/L	26	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Phenanthrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Anthracene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Carbazole	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Di-n-butyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Fluoranthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Pyrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Butyl benzyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
3,3-Dichlorobenzidine	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Benzo[a]anthracene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Chrysene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Bis (2-ethylhexyl) phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Di-n-octyl phthalate	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Benzo[b]fluoranthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Benzo[k]fluoranthene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Benzo[a]pyrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Indeno[1,2,3-cd]pyrene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Dibenz[a,h]anthracene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Benzo[g,h,i]perylene	ND	ug/L	10	EPA 8270C	08/05/13	08/05/13 13:22	JKL
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL

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Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: UST-2-PW-1 **Matrix: Water** **Lab ID: 13080202-03**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Chloromethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Vinyl chloride	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Bromomethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Chloroethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Trichlorofluoromethane	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,1-Dichloroethene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,1,2-Trichlorotrifluoroethane	**70**	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Acetone	ND	ug/L	100	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Carbon disulfide	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Methyl acetate	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Methylene chloride	ND	ug/L	100	EPA 8260B	08/02/13	08/02/13 17:19	JKL
trans-1,2-Dichloroethene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Methyl t-butyl ether (MTBE)	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,1-Dichloroethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
cis-1,2-Dichloroethene	**40**	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
2-Butanone (MEK)	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Chloroform	**20**	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,1,1-Trichloroethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Cyclohexane	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Carbon tetrachloride	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Benzene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,2-Dichloroethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Trichloroethene	**32,000**	ug/L	1000	EPA 8260B	08/05/13	08/05/13 10:40	JKL
Methylcyclohexane	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,2-Dichloropropane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Bromodichloromethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
cis-1,3-Dichloropropene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Toluene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
trans-1,3-Dichloropropene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,1,2-Trichloroethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Tetrachloroethene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
2-Hexanone (MBK)	ND	ug/L	50	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Dibromochloromethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,2-Dibromoethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Chlorobenzene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Ethylbenzene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
m&p-Xylene	ND	ug/L	20	EPA 8260B	08/02/13	08/02/13 17:19	JKL
o-Xylene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Styrene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Tetra Tech Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Date Sampled: 08/02/13 10:15
Date Received: 08/02/13 11:45
Date Issued: 08/05/13

Project: LM MRC Block E
Site Location: Middle River
Project Number: 130801TTG

SDG Number: 13080202

Field Sample ID: UST-2-PW-1 **Matrix: Water** **Lab ID: 13080202-03**

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Bromoform	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Isopropylbenzene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,1,2,2-Tetrachloroethane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,3-Dichlorobenzene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,4-Dichlorobenzene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,2-Dichlorobenzene	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,2-Dibromo-3-chloropropane	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
1,2,4-Trichlorobenzene	ND	ug/L	20	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Naphthalene	ND	ug/L	100	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
tert-Butanol (TBA)	ND	ug/L	250	EPA 8260B	08/02/13	08/02/13 17:19	JKL
Diisopropyl ether (DIPE)	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
tert-Amyl methyl ether (TAME)	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
tert-Amyl alcohol (TAA)	ND	ug/L	250	EPA 8260B	08/02/13	08/02/13 17:19	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/L	10	EPA 8260B	08/02/13	08/02/13 17:19	JKL
TCLP Metals							
Arsenic	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:38	MEL
Barium	ND	mg/L	0.1	1311/6020A	08/02/13	08/02/13 14:38	MEL
Cadmium	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:38	MEL
Chromium	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:38	MEL
Lead	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:38	MEL
Mercury	ND	mg/L	0.002	1311/6020A	08/02/13	08/02/13 14:38	MEL
Selenium	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:38	MEL
Silver	ND	mg/L	0.05	1311/6020A	08/02/13	08/02/13 14:38	MEL

Notes/Qualifiers:
LLQ- Lowest Level of Quantitation
ND - Not Detected at a concentration greater than or equal to the LLQ.

Approved by:



QC Chemist

8851 Orchard Tree Lane Towson, Maryland 21286
tel: 410.825.1151 fax: 410.825.2126 www.caslabs.net

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

130802Q2

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech INC.	Tony Apanavage	8-2-13	015002
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
20251 Century BLVd ~~STE 200~~	301 528-3021		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Germantown / MD / 20874	Walt Pryor		
Project Name and Location (State)	**Carrier/Waybill Number**		
LM MRC Block E			
Contract/Purchase Order/Quote No.			
130801 TTG			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: VOCs	SVOCs	Tcp metals	PH	PCBs	Ignitability	Special Instructions/ Conditions of Receipt
TB-080213	8-2-13	—		X						2			X						
MRC-FT-1	~~0950~~	0950		X			5		1	3			X	X	X	X	X	X	
VST-2-PN-1	~~1015~~	1015		X			5		1	3			X	X	X	X	X	X	
																			* 24 TAT *

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Walt P	8/2/13	1145	1. Received By:	8/2/13	1145
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: *WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy*

WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH669134B

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # ***MDR000524413*** GENERATOR NAME: ***Middle River Complex***

GENERATOR CODE (Assigned by Clean Harbors) ***MI5240*** CITY ***Middle River*** STATE/PROVINCE ***MD*** ZIP/POSTAL CODE ***21220***

ADDRESS ***2323 Eastern Boulevard*** PHONE: **(301) 528-3021**

CUSTOMER CODE (Assigned by Clean Harbors) ***TE0740*** CUSTOMER NAME: ***Tetra Tech Inc***

ADDRESS ***20251 Century Boulevard Suite 200*** CITY ***Germantown*** STATE/PROVINCE ***MD*** ZIP/POSTAL CODE ***20874***

B. WASTE DESCRIPTION

WASTE DESCRIPTION: ***IDW GroundWater (Hazardous)***

PROCESS GENERATING WASTE: **Investigation Derived Waste**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE
- SOLID WITHOUT FREE LIQUID
- POWDER
- MONOLITHIC SOLID
- [x] LIQUID WITH NO SOLIDS
- LIQUID/SOLID MIXTURE
  - % FREE LIQUID
  - % SETTLED SOLID
  - % TOTAL SUSPENDED SOLID
- SLUDGE
- GAS/AEROSOL

NUMBER OF PHASES/LAYERS

[x] 1 2 3

% BY VOLUME (Approx.)

TOP ***0.00***

MIDDLE ***0.00***

BOTTOM ***0.00***

VISCOSITY (If liquid present)
- [x] 1 - 100 (e.g. Water)
- 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

Clear

ODOR
- [x] NONE
- MILD
- STRONG

Describe:

BOILING POINT °F (°C)
- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- [x] >= 130 (>54)

MELTING POINT °F (°C)
- < 140 (<60)
- 140-200 (60-93)
- > 200 (>93)

TOTAL ORGANIC CARBON
- [x] <= 1%
- 1-9%
- >= 10%

FLASH POINT °F (°C)
- < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- [x] > 200 (>93)

pH
- <= 2
- 2.1 - 6.9
- [x] 7 (Neutral)
- 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY
- < 0.8 (e.g. Gasoline)
- 0.8-1.0 (e.g. Ethanol)
- [x] 1.0 (e.g. Water)
- 1.0-1.2 (e.g. Antifreeze)
- > 1.2 (e.g. Methylene Chloride)

ASH
- < 0.1
- 0.1 - 1.0
- 1.1 - 5.0
- 5.1 - 20.0
- > 20
- [x] Unknown

BTU/LB (MJ/kg)
- [x] < 2,000 (<4.6)
- 2,000-5,000 (4.6-11.6)
- 5,000-10,000 (11.6-23.2)
- > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
TRICHLOROETHENE	68.0000000	--	68.0000000	PPM
WATER	99.0000000	--	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES [x] NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING: ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [x] NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. ***G39*** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. ***W113***

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge ☑ Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please Indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				☑
D005	BARIUM	100.0				☑
D006	CADMIUM	1.0				☑
D007	CHROMIUM	5.0				☑
D008	LEAD	5.0				☑
D009	MERCURY	0.2				☑
D010	SELENIUM	1.0				☑
D011	SILVER	5.0				☑
	VOLATILE COMPOUNDS					
D018	BENZENE	0.5				
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	6.0				
D028	1,2-DICHLOROETHANE	0.5				
D029	1,1-DICHLOROETHYLENE	0.7				
D035	METHYL ETHYL KETONE	200.0				
D039	TETRACHLOROETHYLENE	0.7				
D040	TRICHLOROETHYLENE	0.5	*68.0000*			
D043	VINYL CHLORIDE	0.2				
	SEMI-VOLATILE COMPOUNDS					
D023	o-CRESOL	200.0				
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
	PESTICIDES AND HERBICIDES					
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

☑ NONE
< 1000 PPM
>= 1000 PPM

PCBs

☑ NONE
< 50 PPM
>=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	☑ NONE OF THE ABOVE

F. REGULATORY STATUS

- [x] YES [ ] NO USEPA HAZARDOUS WASTE?
  F001
- [ ] YES [x] NO DO ANY STATE WASTE CODES APPLY?
  Texas Waste Code
- [ ] YES [x] NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?
- [x] YES [ ] NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
  LDR CATEGORY: **This is subject to LDR.**
  VARIANCE INFO:
- [ ] YES [x] NO IS THIS A UNIVERSAL WASTE?
- [ ] YES [ ] NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?
- [ ] YES [ ] NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?
- [ ] YES [x] NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?
- [ ] YES [ ] NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?
- [ ] YES [x] NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?
- [ ] YES [ ] NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?
- [ ] YES [x] NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?
- [ ] YES [x] NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?
- [ ] YES [x] NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?
  Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)
- [ ] YES [x] NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?
  - YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?
  - YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

  What is the TAB quantity for your facility? ____ Megagram/year (1 Mg = 2,200 lbs)

  The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

  Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (TRICHLOROETHYLENE,F001), 9, PG III

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY [x] ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER ***Other***

CONTAINERIZED

0-0 CONTAINERS/SHIPMENT

STORAGE CAPACITY:
CONTAINER TYPE:

CUBIC YARD BOX PALLET
TOTE TANK DRUM
OTHER: DRUM SIZE:

[x] BULK LIQUID

GALLONS/SHIPMENT: ***50000.00 Min - 80000.00 Max*** GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: ***0 Min - 0 Max***

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:
Approved to BA plant as A24F

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE	NAME (PRINT)	TITLE	DATE
[signature]	THOMAS D. BLEKKENHORST	PROJECT LEAD	August 9, 2013

APPENDIX I—HAZARDOUS SOIL WASTE PROFILE AND MANIFESTS

VEOLIA
ENVIRONMENTAL SERVICES

WASTESTREAM INFORMATION PROFILE

☐ Recertification

Disposal Code _____

Veolia ES LOCATION
☐ Invoice Address
☐ Manifest from – blank if direct

ADDRESS _____ CITY _____ ST _____

WIP No. _____

Veolia ES TSDF requested _____ Technology requested _____ Generator No._____ **Generator EPA ID No.** MDR000524413

1. **Generator Name** Lockheed Martin Corporation **Generator State No.** _____ _____
   Address 2323 Eastern Blvd **State Wastestream No.**_____
   City Middle River **State** MD **Country** USA **ZIP** 21220
   NAICS (SIC) Code _____ _____ _____ **Source** _____ **Origin** _____ **Form** _____ **System Type** _____
2. **Waste Name** TCE Contaminated Soil **Lab or Waste Area**_____
3. **Process Generating Waste** Removal of UST. Origin of tank contents were unknown. Soil was from area surrounding tank.
4. **Shipping Name** HAZARDOUS WASTE SOLID, N.O.S.
   Hazard Class9**UN/NA No.**NA3077 **PG**III **RQ amt**_____**lb**

RQ Desc:	1.	2.
DOT Desc:	1. TCE	2.

5. **Waste Codes** F001 _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Wastewater ☐ **Non Wastewater** ☒ **Sub Category** _____

6. **Physical and chemical properties** *(check all that apply)*

pH
a ☐ < 2
b ☐ 2 - 5
c ☐ 5 - 9
d ☐ 9 - 12.5
e ☐ > 12.5
_____ exact

Specific Gravity
a ☐ < .8
b ☐ .8 - 1.0
c ☐ 1.0
d ☐ 1.0 - 1.2
e ☐ > 1.2
_____ exact

Flash Point (F)
a ☐ < 80
b ☐ 80 - 100
c ☐ 101 - 140
d ☐ 141 - 200
e ☐ > 200
f ☒ no flash _____exact

Solids
_____ % suspended
_____ % settleable
_____ % dissolved
Free Liquid Range ___to ___%

_____ % ash
_____ water solubility
_____ BTU/lb

Physical State
s ☒ solid
m ☐ semi-solid
l ☐ liquid
p ☐ pumpable semi-solid
f ☐ flowable powder
g ☐ gas
a ☐ aerosol
r ☐ pressurized liquid
d ☐ debris per 40 CFR 268.45
h ☐ sharps

Hazardous Characteristics
a ☐ air reactive
w ☐ water reactive
c ☐ cyanide reactive
f ☐ sulfide reactive
e ☐ explosive
o ☐ oxidizing acid
p ☐ peroxide former
r ☐ radioactive or NRC regulated
s ☐ shock sensitive
t ☐ temp sensitive
m ☐ polymerization/monomer
n ☐ OSHA carcinogen
I ☐ infectious
h ☐ inhalation hazard Zone: _

Odor
a none ☐
b mild ☒
c strong ☐
describe_____

Halogens
Br _____ % Bromine
Cl _____ % Chlorine
F _____ % Fluorine
I _____ % Iodine

Layers: a ☐ **multilayered:** b ☐ **bi-layered:** c ☐ **single phase:**

Viscosity by Layer:	Top Layer	Second Layer	Bottom Layer
	☐ high (syrup)	☐ high (syrup)	☐ high (syrup)
	☐ medium (oil)	☐ medium (oil)	☐ medium (oil)
	☐ low (water)	☐ low (water)	☐ low (water)
	☒ solid	☒ solid	☒ solid

Color
brown
_____
_____

Used oil y/n _ **HOC <1000 ppm** ☐ **or > 1000 ppm** ☐

WIP No. _____

7. **Chemical Composition** [M = Marine Pollutant, S - Severe Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent, B = Benzene NESHAP, T = TRI Chemical, C = OSHA Carcinogen]

	Constituents	Range	Units		Constituents	Range	Units
	Soil	**95**	**%**		**Debris**	**5**	**%**

Total Composition Must Equal or Exceed 100%

Other:

8. Is the wastestream being imported into the USA? Yes ☐ No ☒
9. Does the wastestream contain PCBs regulated by 40CFR? Yes ☐ No ☒
   PCB concentration .3ppm
10. Is the wastestream subject to the Marine Pollutant Regulations? Yes ☐ No ☒
11. Is the wastestream subject to Benzene NESHAP? Yes ☐ No ☒
    If yes, is the wastestream subject to Notification and Control Requirements? Yes ☐ No ☐
    Benzene concentration _____ ppm
12. Is the wastestream subject to RCRA subpart CC controls? Yes ☒ No ☐
    Volatile organic concentration, if known _____ ppmw
    CC approved analytical method ☐ Generator Knowledge ☐
13. Is the wastestream from a CERCLA or state mandated cleanup? Yes ☐ No ☒

14. **Container Information** *(Identify UN container marking if known)*
    Packaging: Bulk Solid ☒ Type/Size: _____ **Bulk Liquid** ☐ Type/Size: _____ **Drum** ☐ Type/Size: _____
    Other _____
    Shipping Frequency: Units **50 tons** Per Month ☐ Quarter ☐ Year ☐ One Time ☒ Other _____

15. **Additional Information:** **Analytical attached**

Is analytical or an MSDS available that describes the waste? Yes ☐ No ☒ If yes, please attach.

GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

THOMAS D. BLACKMAN — **NAME** (PRINT OR TYPE)

(301) 548-2209 — **PHONE**

OCT. 18, 2013 — **DATE**

SIGNATURE

PROJECT LEAD — **TITLE**

FACILITY NOTIFICATION

If approved for management, Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

TSDF PROCESSING USE ONLY: PPE REQUIRED No _____ Yes _____ Describe _____

WIP No. _____

VEOLIA ENVIRONMENTAL SERVICES
WIP INSTRUCTIONS

Veolia ES requires completion of all sections of the Wastestream Information Profile (WIP). Sections not applicable to the wastestream must have N/A written in the space provided.

Documented WIP information is used to comply with TSDF Waste Analysis Plans, RCRA and DOT regulations, Emergency Planning and Community Right-to-Know Act (EPCRA), Pollution Prevention Act, Toxic Release Inventory Report and other regulatory and generator requirements.

MARINE POLLUTANT

- The wastestream is subject to the Marine Pollutant Regulations if:
    1. it is a bulk (>119 gallons) packaging with Marine Pollutant concentration ≥ 10% or Severe Marine Pollutant concentration ≥ 1%

    or

    2. it is non-bulk Marine Pollutant shipped by vessel (boat) in packages larger than 5 liters (liquid) or 5 kg (solid)

    or

    3. it is a non-bulk Severe Marine Pollutant, shipped by vessel (boat) in packages larger than 0.5 liters (liquid) or 0.5 kg (solid).

  Refer to the list of Marine Pollutants.

OZONE DEPLETING SUBSTANCE (ODS)

Refer to the list of Ozone Depleting Substances.

UNDERLYING HAZARDOUS CONSTITUENT (UHC)

Refer to the list of Underlying Hazardous Constituents (40 CFR 268.48)

BENZENE NESHAP

- The wastestream is subject to Benzene NESHAP notification and control requirements if it:
    1. contains > 10 ppm benzene, **and**
    2. is generated by a chemical manufacturing plant, petroleum refinery or coke by-product recovery plant, **and**
    3. the generator's Total Annual Benzene (TAB) is ≥ 10 Mg/yr

TRI CHEMICAL

- The wastestream is subject to Toxic Release Inventory Reporting if it contains a Section 313 Toxic Chemical and meets Qualifier requirements.

OSHA CARCINOGEN

- OSHA promulgated standards in 1974 to regulate the industrial use of 13 chemicals identified as occupational carcinogens. Exposures are to be controlled through the required use of engineering controls, work practices, and personal protective equipment, including respirators. See 29 CFR 1910.1003-1910.1016 for specific details.

RCRA SUB-PART CC CONTROLS

- Subpart CC Air Emission Control requirements apply to large quantity hazardous waste generators and to treatment, storage, and disposal facilities.
- Waste in containers greater than 0.1 cubic meters (i.e., 26.4 gallons) with greater than 500 ppm volatile organics are subject to this rule., unless otherwise exempted. Allowable controls include DOT approved containers, containers with an adequate cover and closure devices, and containers which operate with no detectable emissions (less than 500 ppm).

RECEIPT TICKET

VEOLIA ES TECHNICAL SOLUTIONS
PORT ARTHUR, TX

Receipt # 0028075 Page 1

Date/Time in 11/13/13 7:08
Load Type Rolloff Federal EPA ID NJD071629976 State EPA ID
Transporter S J TRANSPORTATION CO INC.
WOODSTOWN, NJ

Truck Number 200 Trailer/Contnr # 2049

** WEIGHT SUMMARY **
Gross 20000.00
Tare
Net
Adj
Adj Net

Doc Seq	Lin Nbr	Manifest Nbr	Approval Sales	Approval Generator Invoicing Customer	Cnt #	Ct	Total Quan.	W V	DCS Units	Sched PCB	Federal EPA Cat	Waste Status	Group No
1	1	000792981VES	PTA502256 P95	LOCKHEED MARTIN CO AMERICAN WASTE MGMT SVCS	1	CM	20000	P	Bulk				706332

Process Codes: BSM

Total Containers: 1
Total Weight/Volume: 20.000

Total Gallons Pumped _____ Discrepancy _____ Disposal Billed _____

Comments _____ Trans Billed _____

_____ DEM Billed _____

Technician Signature _____ Date 11-13-13

Transporter Signature _____ Date _____

G 68440 lb
08:24 PM 12 NOV 2013

G 68440 lb
T 41580 lb
N 26860 lb
09:52 PM 12 NOV 2013

20,380 165 = 6480 -

TRUCK #200
Box #2049 - 20yds - OT

706332

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MDR000524413	1	(877) 618-0087	000792981 VES

GENERATOR

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
MIDDLE RIVER REMEDIATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
Generator's Phone: 301 548-2209

Generator's Site Address (if different than mailing address)
SAME
MIKE MUSHAW
610 6564012

6. Transporter 1 Company Name
S J TRANSPORTATION CO INC.
U.S. EPA ID Number
NJD071629976

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
HIGHWAY 73
3.5 MILES W. OF TAYLOR'S BAYOU
PORT ARTHUR, TX 77640
Facility's Phone: 409 736-2821
U.S. EPA ID Number
TXD000838896

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (TRICHLOROETHENE), 9, III, RQ	1.	CM	20K	20K P	F001	OUT8301H	
	2.							
	3.							
	4.							

NOV 13 2013 07:08

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS +- 1) ERG:171 W:502256 A:PTA502256 TCE
CONTAMINATED SOIL
PO# 2049

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. EFFERY JR. CM
Signature
Month: 11 Day: 11 Year: 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID STRANG
Signature: David Strang
Month: 11 Day: 11 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: JOSSETTE MCLELLAND
Signature: Jossette McClelland
Month: 11 Day: 13 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

MANIFEST DISCREPANCY NOTIFICATION (BULK)

40 CFR §264.72*

Veolia ES Technical Solutions Port Arthur Texas

The following identified manifest was found discrepant as noted.

Unless otherwise notified, the manifest will be correct and the load received.

If applicable return this form with comments to: (409) _____

Manifest # 000792982 VES

RT# 706331

VES Approval Profile # _____

Customer Lockheed

VES WIP # _____

BOX ID 3043

TANK ID _____

Discrepany Description

BULK

☐ > 10 % by wt.

Manifest wt.	20,000	☐ lbs. ☐ Kgs. ☐ Gal. ☐ Tons
Received wt.	31,822	☑ lbs. ☐ Kgs. ☐ Gal. ☐ Tons
Wt. Diff.		☐ lbs. ☐ Kgs. ☐ Gal. ☐ Tons

☐ Type - significant mis-identification, character or waste type. Explain below

COMMENTS

Kenneth R. Jeffery Jr.

SIGNATURE REQUIRED Jeffery Jr.

RESENT: _____

(PTA Internal Use) Received/reviewed by :

Date Discovered: 11-14-13 Notification Date: 11-14-13

* If the generator disagrees with discrepancy and it cannot be resolved within 5 days forward all correspondences to Bus. or EH&S Managers

*If not resolved within 15 days - a report must be filed with Regional Adminstrator

For futher information contact:

_____ at **(409) 736-2821**

Sent to CSR: DeReck GARNER

RECEIPT TICKET

Receipt # 0028074 Page 1

VEOLIA ES TECHNICAL SOLUTIONS
PORT ARTHUR, TX

Date/Time in 11/13/13 7:08
Load Type Rolloff Federal EPA ID NJD071629976 State EPA ID
Transporter S J TRANSPORTATION CO INC.
WOODSTOWN, NJ

** WEIGHT SUMMARY **
Gross 20000.00
Tare
Net
Adj
Adj Net

Truck Number 1175 Trailer/Contnr # 3043

Doc Seq	Lin Nbr	Manifest Nbr	Approval Sales	Approval Generator Invoicing Customer	Cnt #	Ct	Total Quan.	W DCS V Units	Sched PCB	Federal EPA Cat	Waste Status	Group No
1	1	000792982VES	PTA502256 P95	LOCKHEED MARTIN CO AMERICAN WASTE MGMT SVCS	1	CM	20000	P Bulk				706331

Process Codes: BSM

Total Containers: 1
Total Weight/Volume: 20,000

Total Gallons Pumped _____ Discrepancy _____ Disposal Billed _____

Comments _____ Trans Billed _____

_____ OEM Billed _____

Technician Signature _____ Date 11-13-13

Transporter Signature _____ Date 11-13-13

G 76580 lb
08:22 PM 12 NOV 201

G 76580 lb
T 38080 lb
N 38500 lb
09:55 PM 12 NOV 2013

31,822 = 60678 -

Truck# 1175 Box# 3043 304d OT 706331

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MDR000524413
2. Page 1 of: 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 000792982 VES

5. Generator's Name and Mailing Address
LOCKHEED MARTIN CORPORATION
MIDDLE RIVER REMEDIATION
2323 EASTERN BLVD
MIDDLE RIVER, MD 21220
Generator's Phone: 301 548-2209

Generator's Site Address (if different than mailing address)
SAME
MIKE MUSTARO
(410 656 4012

6. Transporter 1 Company Name
S J TRANSPORTATION CO INC.
U.S. EPA ID Number: NJD071629976

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
HIGHWAY 73
3.5 MILES W. OF TAYLOR'S BAYOU
PORT ARTHUR, TX 77640
Facility's Phone: 409 736-2821
U.S. EPA ID Number: TXD000838896

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (TRICHLOROETHENE), 9, III, RQ	1	CM	20K	P	F001 OUTS301H
	2.					
	3.					
	4.					

NOV 13 2013 07:08

14. Special Handling Instructions and Additional Information: ER Service Contracted by VESTS + 1) ERG:171 W:502256 A:PTA502256 TCE
CONTAMINATED SOIL
Box # 3043

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KENNETH A. JEFFREY, JR. CM Signature: [signature] Month: 11 Day: 11 Year: 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Matthew C Powell Signature: [signature] Month: 11 Day: 11 Year: 13
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H040 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Josette Muckland Signature: [signature] Month: 11 Day: 13 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPENDIX J—SIDEWALL AND BOTTOM SAMPLING LOCATIONS AND RESULTS

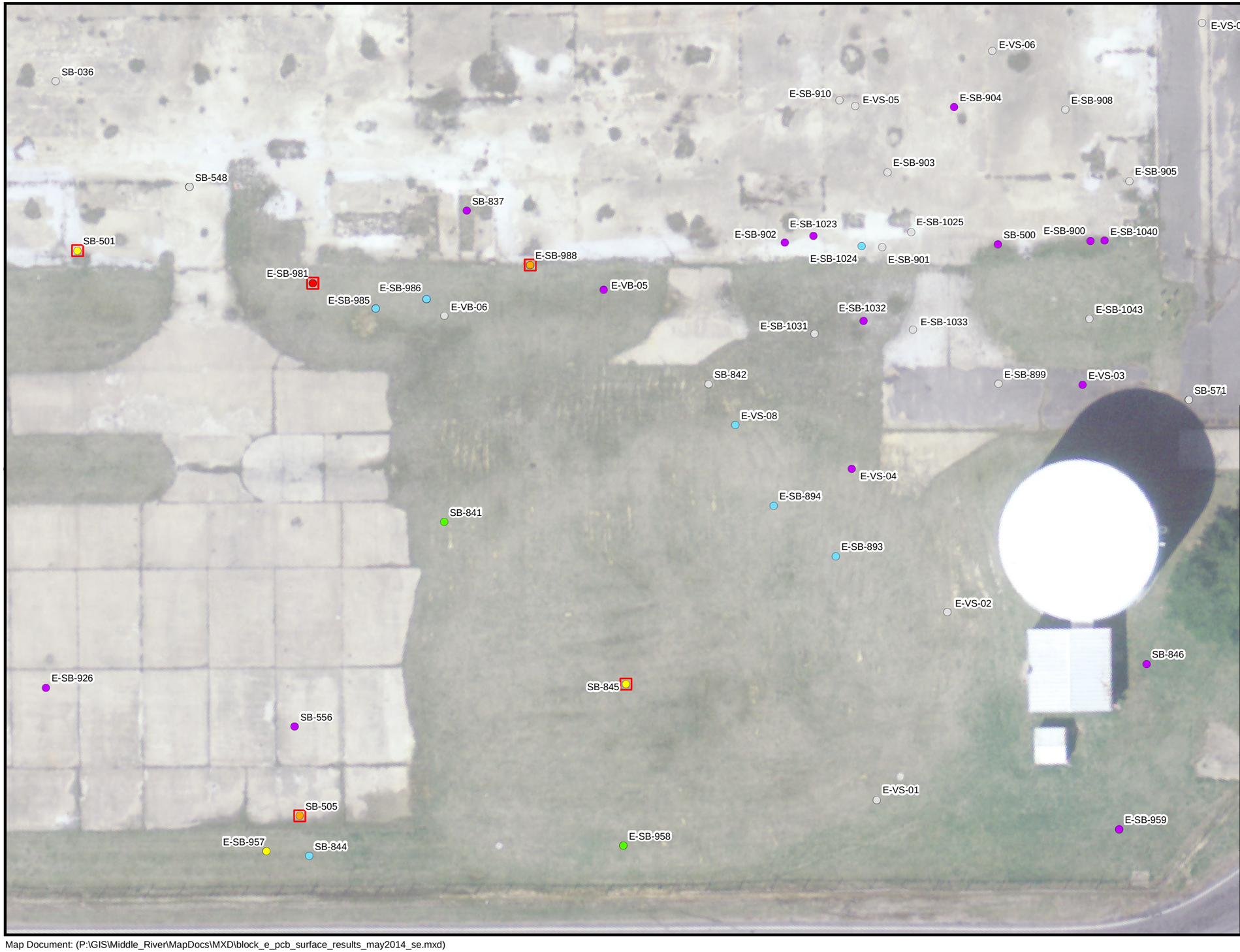


FIGURE 1B

BLOCK E TOTAL AROCLOR SURFACE SAMPLE RESULTS SOUTHEAST CORNER

LEGEND

Total Aroclor Results

- > 100 mg/kg
- > 58 and ≤ 100 mg/kg
- > 25 and ≤ 58 mg/kg
- > 10 and ≤ 25 mg/kg
- >1 and ≤ 10 mg/kg
- ≤ 1 mg/kg
- Non-Detect
- Detected Aroclor-1254 Greater Than 5 mg/kg

mg/kg = milligrams per kilogram
Aerial photograph taken in 2007.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 15 30 Feet

N

DATE MODIFIED: 05/22/14

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_pcb_surface_results_may2014_se.mxd)
05/22/14 -- JEE



FIGURE 2B

BLOCK E AROCLOR-1254
SUBSURFACE SAMPLE RESULTS
SOUTHEAST CORNER

LEGEND

Aroclor-1254 Results

- > 100 mg/kg
- > 58 and ≤ 100 mg/kg
- > 25 and ≤ 58 mg/kg
- > 10 and ≤ 25 mg/kg
- >1 and ≤ 10 mg/kg
- ≤ 1 mg/kg
- Non-Detect
- Depth Range Between 2-4 Feet
- Depth Range Between 4-10 Feet
- Depth Range Greater Than 10 Feet

mg/kg = milligrams per kilogram
Aerial photograph taken in 2007.

Lockheed Martin Middle River Complex
Middle River, Maryland

0 15 30 Feet

N

DATE MODIFIED: 05/22/14

CREATED BY: JEE

TETRA TECH

Map Document: (P:\GIS\Middle_River\MapDocs\MXD\block_e_1254_subsurface_results_may2014_se.mxd)
05/22/14 -- JEE

BLOCK E DATA SUMMARY

LOCATION	E-VB-01	E-VB-02	E-VB-03	E-VB-04	E-VB-05	E-VB-06	E-VB-07	E-VB-08	E-VB-09
SAMPLE ID	E-VB-1-070213-03	E-VB-2-070213-03	E-VB-3-070213-03	E-VB-4-070213-03	E-VB-5-070213-02	E-VB-6-070213-02	E-VB-7-072913-0-3	E-VB-8-072913-0-3	E-VB-9-072913-0-3
SAMPLE DATE	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/29/2013	7/29/2013	7/29/2013
TICOV (UG/KG)									
TERT-BUTYLDIMETHYLSILANOL	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILES (UG/KG)									
1,1,1,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	0.64 U	0.54 U	0.56 U
1,1,1-TRICHLOROETHANE	NA	NA	NA	NA	NA	NA	0.58 U	0.49 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	NA	NA	NA	NA	NA	NA	0.35 U	0.3 U	0.31 U
1,1,2-TRICHLOROTRIFLUOROETHANE	NA	NA	NA	NA	NA	NA	1.3 U	1.1 U	1.2 U
1,1-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	0.37 U	0.31 U	0.32 U
1,1-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	0.54 U	0.45 U	0.47 U
1,1-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	0.31 U	0.26 U	0.27 U
1,2,3-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	0.39 U	0.33 U	0.34 U
1,2,3-TRICHLOROPROPANE	NA	NA	NA	NA	NA	NA	0.93 U	0.78 U	0.81 U
1,2,3-TRIMETHYLBENZENE	NA	NA	NA	NA	NA	NA	0.18 U	0.15 U	0.15 U
1,2,4-TRICHLOROBENZENE	NA	NA	NA	NA	NA	NA	0.28 U	0.24 U	0.24 U
1,2,4-TRIMETHYLBENZENE	NA	NA	NA	NA	NA	NA	0.67 U	0.57 U	0.59 U
1,2-DIBROMO-3-CHLOROPROPANE	NA	NA	NA	NA	NA	NA	1.3 U	1.1 U	1.2 U
1,2-DIBROMOETHANE	NA	NA	NA	NA	NA	NA	0.52 U	0.44 U	0.45 U
1,2-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	0.37 U	0.31 U	0.32 U
1,2-DICHLOROETHANE	NA	NA	NA	NA	NA	NA	0.35 U	0.3 U	0.31 U
1,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	0.71 U	0.6 U	0.62 U
1,3-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	0.36 U	0.3 U	0.32 U
1,3-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	0.35 U	0.3 U	0.31 U
1,4-DICHLOROBENZENE	NA	NA	NA	NA	NA	NA	0.68 U	0.57 U	0.59 U
2,2-DICHLOROPROPANE	NA	NA	NA	NA	NA	NA	0.97 U	0.82 U	0.85 U
2-BUTANONE	NA	NA	NA	NA	NA	NA	1.4 U	1.2 U	1.3 U
2-CHLOROETHYL VINYL ETHER	NA	NA	NA	NA	NA	NA	1.4 U	1.2 U	1.3 U
2-CHLOROTOLUENE	NA	NA	NA	NA	NA	NA	0.41 U	0.35 U	0.36 U
2-HEXANONE	NA	NA	NA	NA	NA	NA	0.65 U	0.55 U	0.57 U
4-CHLOROTOLUENE	NA	NA	NA	NA	NA	NA	0.42 U	0.36 U	0.37 U
4-ISOPROPYLTOLUENE	NA	NA	NA	NA	NA	NA	0.22 U	0.18 U	0.19 U
4-METHYL-2-PENTANONE	NA	NA	NA	NA	NA	NA	0.56 U	0.47 U	0.49 U
ACETONE	NA	NA	NA	NA	NA	NA	6.5 U	5.5 U	5.7 U
BENZENE	NA	NA	NA	NA	NA	NA	0.24 U	0.2 U	0.21 U
BROMOBENZENE	NA	NA	NA	NA	NA	NA	0.34 U	0.29 U	0.3 U
BROMOCHLOROMETHANE	NA	NA	NA	NA	NA	NA	0.73 U	0.62 U	0.64 U
BROMODICHLOROMETHANE	NA	NA	NA	NA	NA	NA	0.29 U	0.24 U	0.25 U
BROMOFORM	NA	NA	NA	NA	NA	NA	0.34 U	0.29 U	0.3 U
BROMOMETHANE	NA	NA	NA	NA	NA	NA	0.56 U	0.47 U	0.49 U
CARBON DISULFIDE	NA	NA	NA	NA	NA	NA	0.45 U	0.38 U	0.4 U
CARBON TETRACHLORIDE	NA	NA	NA	NA	NA	NA	0.38 U	0.32 U	0.33 U
CHLOROBENZENE	NA	NA	NA	NA	NA	NA	0.34 U	0.29 U	0.3 U
CHLORODIBROMOMETHANE	NA	NA	NA	NA	NA	NA	0.57 U	0.48 U	0.5 U
CHLOROETHANE	NA	NA	NA	NA	NA	NA	0.89 U	0.75 U	0.78 U
CHLOROFORM	NA	NA	NA	NA	NA	NA	0.3 U	0.25 U	0.26 U
CHLOROMETHANE	NA	NA	NA	NA	NA	NA	0.42 U	0.36 U	0.37 U
CIS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	0.37 U	0.31 U	0.32 U
CIS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	0.35 U	0.3 U	0.31 U
DIBROMOMETHANE	NA	NA	NA	NA	NA	NA	0.65 U	0.55 U	0.57 U
DICHLORODIFLUOROMETHANE	NA	NA	NA	NA	NA	NA	0.52 U	0.44 U	0.45 U

BLOCK E DATA SUMMARY

LOCATION	E-VB-01	E-VB-02	E-VB-03	E-VB-04	E-VB-05	E-VB-06	E-VB-07	E-VB-08	E-VB-09
SAMPLE ID	E-VB-1-070213-03	E-VB-2-070213-03	E-VB-3-070213-03	E-VB-4-070213-03	E-VB-5-070213-02	E-VB-6-070213-02	E-VB-7-072913-0-3	E-VB-8-072913-0-3	E-VB-9-072913-0-3
SAMPLE DATE	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/29/2013	7/29/2013	7/29/2013
DIISOPROPYL ETHER	NA	NA	NA	NA	NA	NA	1.5 U	1.3 U	1.4 U
ETHYL TERT-BUTYL ETHER	NA	NA	NA	NA	NA	NA	0.23 U	0.19 U	0.2 U
ETHYLBENZENE	NA	NA	NA	NA	NA	NA	0.27 U	0.23 U	0.23 U
HEXACHLOROBUTADIENE	NA	NA	NA	NA	NA	NA	1.2 U	1 U	1.1 U
HEXANE	NA	NA	NA	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	NA	NA	NA	NA	NA	NA	0.17 U	0.14 U	0.14 U
M+P-XYLENES	NA	NA	NA	NA	NA	NA	1.2 U	1 U	1.1 U
METHYL ACETATE	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER	NA	NA	NA	NA	NA	NA	0.44 U	0.37 U	0.39 U
METHYLENE CHLORIDE	NA	NA	NA	NA	NA	NA	0.69 U	0.58 U	0.6 U
NAPHTHALENE	NA	NA	NA	NA	NA	NA	0.2 U	0.17 U	0.17 U
N-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	0.24 U	0.2 U	0.21 U
N-PROPYLBENZENE	NA	NA	NA	NA	NA	NA	0.41 U	0.35 U	0.36 U
O-XYLENE	NA	NA	NA	NA	NA	NA	0.36 U	0.3 U	0.32 U
SEC-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	0.19 U	0.16 U	0.16 U
STYRENE	NA	NA	NA	NA	NA	NA	0.15 U	0.13 U	0.14 U
TERT-AMYL METHYL ETHER	NA	NA	NA	NA	NA	NA	0.38 U	0.32 U	0.33 U
TERT-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	0.3 U	0.25 U	0.26 U
TERTIARY-BUTYL ALCOHOL	NA	NA	NA	NA	NA	NA	7.8 UR	6.6 UR	6.8 UR
TETRACHLOROETHENE	NA	NA	NA	NA	NA	NA	0.54 U	0.45 U	0.47 U
TETRAHYDROFURAN	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	NA	NA	NA	NA	NA	NA	0.28 U	0.24 U	0.24 U
TOTAL XYLENES	NA	NA	NA	NA	NA	NA	0.69 U	0.58 U	0.6 U
TRANS-1,2-DICHLOROETHENE	NA	NA	NA	NA	NA	NA	0.42 U	0.36 U	0.37 U
TRANS-1,3-DICHLOROPROPENE	NA	NA	NA	NA	NA	NA	0.56 U	0.47 U	0.49 U
TRICHLOROETHENE	NA	NA	NA	NA	NA	NA	4.5 J	1 J	1.9 J
TRICHLOROFLUOROMETHANE	NA	NA	NA	NA	NA	NA	0.35 U	0.3 U	0.31 U
VINYL ACETATE	NA	NA	NA	NA	NA	NA	0.26 UR	0.22 UR	0.23 UR
VINYL CHLORIDE	NA	NA	NA	NA	NA	NA	0.4 U	0.34 U	0.35 U
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)									
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	0.88 U	0.85 U	0.82 U
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	0.41 U	0.39 U	8.3
ANTHRACENE	NA	NA	NA	NA	NA	NA	0.91 U	0.87 U	7.7
BAP EQUIVALENT-HALFND	NA	NA	NA	NA	NA	NA	9.6331	6.1377	50.105
BAP EQUIVALENT-POS	NA	NA	NA	NA	NA	NA	9.2481	5.7444	50.105
BENZO(A)ANTHRACENE	NA	NA	NA	NA	NA	NA	6.5 J	5.2 J	33
BENZO(A)PYRENE	NA	NA	NA	NA	NA	NA	7 J	4.6 J	32
BENZO(B)FLUORANTHENE	NA	NA	NA	NA	NA	NA	10	6.2 J	47
BENZO(G,H,I)PERYLENE	NA	NA	NA	NA	NA	NA	6.3 J	4.4 J	28
BENZO(K)FLUORANTHENE	NA	NA	NA	NA	NA	NA	4.2 J	0.76 U	17
CHRYSENE	NA	NA	NA	NA	NA	NA	6.1 J	4.4 J	35
DIBENZO(A,H)ANTHRACENE	NA	NA	NA	NA	NA	NA	0.77 U	0.74 U	7.5
FLUORANTHENE	NA	NA	NA	NA	NA	NA	11	7.4 J	60
FLUORENE	NA	NA	NA	NA	NA	NA	0.62 U	0.59 U	0.57 U
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	NA	NA	NA	5.5 J	0.39 U	24
NAPHTHALENE	NA	NA	NA	NA	NA	NA	0.95 U	0.92 U	6.2 J
PHENANTHRENE	NA	NA	NA	NA	NA	NA	0.85 U	0.82 U	23
PYRENE	NA	NA	NA	NA	NA	NA	9.1	6.8 J	48

BLOCK E DATA SUMMARY

LOCATION	E-VB-01	E-VB-02	E-VB-03	E-VB-04	E-VB-05	E-VB-06	E-VB-07	E-VB-08	E-VB-09
SAMPLE ID	E-VB-1-070213-03	E-VB-2-070213-03	E-VB-3-070213-03	E-VB-4-070213-03	E-VB-5-070213-02	E-VB-6-070213-02	E-VB-7-072913-0-3	E-VB-8-072913-0-3	E-VB-9-072913-0-3
SAMPLE DATE	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/29/2013	7/29/2013	7/29/2013
PCBS (UG/KG)									
AROCLOR-1016	11000 U	1100 U	24 U	23000 U	230 U	23 U	240 U	24 U	110 U
AROCLOR-1221	8800 U	860 U	18 U	18000 U	180 U	18 U	190 U	18 U	87 U
AROCLOR-1232	7700 U	750 U	16 U	15000 U	160 U	16 U	160 U	16 U	76 U
AROCLOR-1242	7100 U	700 U	15 U	14000 U	140 U	14 U	150 U	15 U	71 U
AROCLOR-1248	9300 U	910 U	19 U	19000 U	190 U	19 U	200 U	19 U	93 U
AROCLOR-1254	150000	15000	310	260000	190 U	19 U	200 U	19 U	3400
AROCLOR-1260	9300 U	910 U	19 U	19000 U	620	19 U	220 J	36 J	93 U
TOTAL AROCLOR	NA	NA	NA	NA	NA	NA	220	36	3400
TOTAL AROCLOR HALFND	NA	NA	NA	NA	NA	NA	790	91.5	3665

BLOCK E DATA SUMMARY

LOCATION	E-VB-10	E-VB-11	E-VB-12	E-VB-13	E-VB-13	E-VS-01	E-VS-02	E-VS-03	E-VS-04
SAMPLE ID	E-VB-10-072913-0-3	E-VB-11-072913-0-3	E-VB-12-072913-0-3	E-VB-13-072913-0-3	E-VB-13-072913-0-3-D	E-VS-1-072913-0-1.5	E-VS-2-072913-0-1.5	E-VS-3-072913-0-1.5	E-VS-4-072913-0-1.5
SAMPLE DATE	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013
TICOV (UG/KG)									
TERT-BUTYLDIMETHYLSILANOL	NA	NA	NA	NA	NA	NA	5 R	NA	NA
VOLATILES (UG/KG)									
1,1,1,2-TETRACHLOROETHANE	0.56 U	9000 U	0.51 U	0.56 U	0.55 U	0.57 U	0.51 U	0.64 U	7.7 U
1,1,1-TRICHLOROETHANE	0.5 U	21000 U	0.46 U	0.51 U	0.5 U	0.51 U	0.46 U	0.58 U	18 U
1,1,2,2-TETRACHLOROETHANE	0.3 U	8800 U	0.28 U	0.31 U	0.3 U	0.31 U	0.28 U	0.35 U	7.6 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.2 U	38000 U	1.1 U	1.2 U	1.2 U	1.2 U	1.1 U	1.3 U	33 U
1,1-DICHLOROETHANE	0.32 U	17000 U	0.29 U	0.33 U	0.32 U	0.33 U	0.29 U	0.37 U	14 U
1,1-DICHLOROETHENE	0.47 U	18000 U	0.43 U	0.47 U	0.46 U	0.48 U	0.42 U	0.54 U	15 U
1,1-DICHLOROPROPENE	0.27 U	9800 U	0.25 U	0.27 U	0.27 U	0.27 U	0.24 U	0.31 U	8.5 U
1,2,3-TRICHLOROBENZENE	0.34 U	9800 U	0.31 U	0.35 U	0.34 U	0.35 U	0.31 U	0.39 U	8.5 U
1,2,3-TRICHLOROPROPANE	0.81 U	21000 U	0.74 U	0.82 U	0.8 U	0.82 U	0.73 U	0.93 U	18 U
1,2,3-TRIMETHYLBENZENE	0.15 U	170 U	0.14 U	0.15 U	0.15 U	0.16 U	0.14 U	0.18 U	0.14 U
1,2,4-TRICHLOROBENZENE	0.24 U	9100 B	0.22 U	0.25 U	0.24 U	0.25 U	0.22 U	0.28 U	6.2 U
1,2,4-TRIMETHYLBENZENE	0.58 U	4900 U	0.53 U	0.59 U	0.58 U	0.59 U	0.53 U	0.67 U	4.2 U
1,2-DIBROMO-3-CHLOROPROPANE	1.2 U	49000 U	1.1 U	1.2 U	1.2 U	1.2 U	1.1 U	1.3 U	42 U
1,2-DIBROMOETHANE	0.45 U	9800 U	0.41 U	0.45 U	0.45 U	0.46 U	0.41 U	0.52 U	8.5 U
1,2-DICHLOROBENZENE	0.32 U	8500 U	0.29 U	0.33 U	0.32 U	0.33 U	0.29 U	0.37 U	7.3 U
1,2-DICHLOROETHANE	0.3 U	9800 U	0.28 U	0.31 U	0.3 U	0.31 U	0.28 U	0.35 U	8.5 U
1,2-DICHLOROPROPANE	0.62 U	8100 U	0.56 U	0.63 U	0.61 U	0.63 U	0.56 U	0.71 U	7 U
1,3-DICHLOROBENZENE	0.31 U	5200 B	0.29 U	0.32 U	0.31 U	0.32 U	0.29 U	0.36 U	4.1 U
1,3-DICHLOROPROPANE	0.3 U	22000 U	0.28 U	0.31 U	0.3 U	0.31 U	0.28 U	0.35 U	19 U
1,4-DICHLOROBENZENE	0.59 U	9000 J	0.54 U	0.6 U	0.59 U	0.6 U	0.54 U	0.68 U	6.8 U
2,2-DICHLOROPROPANE	0.84 U	23000 U	0.77 U	0.86 U	0.84 U	0.86 U	0.77 U	0.97 U	20 U
2-BUTANONE	1.3 J	42000 U	2.7 J	1.3 U	1.4 J	1.3 U	1.1 U	3.6 J	65 J
2-CHLOROETHYL VINYL ETHER	1.3 U	42000 U	1.1 U	1.3 U	1.2 U	1.3 U	1.1 U	1.4 U	37 U
2-CHLOROTOLUENE	0.36 U	8900 U	0.33 U	0.36 U	0.36 U	0.37 U	0.33 U	0.41 U	7.6 U
2-HEXANONE	0.56 U	20000 U	0.52 U	0.57 U	0.56 U	0.58 U	0.51 U	0.65 U	17 U
4-CHLOROTOLUENE	0.37 U	9700 U	0.34 U	0.37 U	0.37 U	0.38 U	0.33 U	0.42 U	8.4 U
4-ISOPROPYLTOLUENE	0.19 U	4700 U	0.17 U	0.19 U	0.19 U	0.19 U	0.17 U	0.22 U	4.1 U
4-METHYL-2-PENTANONE	0.48 U	47000 U	0.44 U	0.49 U	0.48 U	0.49 U	0.44 U	0.56 U	41 U
ACETONE	8 B	170000 U	93	52 B	50 B	5.8 U	62 B	38	140 U
BENZENE	0.21 U	12000 U	0.19 U	0.21 U	0.2 U	0.21 U	0.19 U	0.24 U	10 U
BROMOBENZENE	0.3 U	13000 U	0.27 U	0.3 U	0.29 U	0.3 U	0.27 U	0.34 U	11 U
BROMOCHLOROMETHANE	0.64 U	13000 U	0.58 U	0.65 U	0.63 U	0.65 U	0.58 U	0.73 U	11 U
BROMODICHLOROMETHANE	0.25 U	9700 U	0.23 U	0.25 U	0.25 U	0.26 U	0.23 U	0.29 U	8.4 U
BROMOFORM	0.3 U	19000 U	0.27 U	0.3 U	0.29 U	0.3 U	0.27 U	0.34 U	16 U
BROMOMETHANE	0.48 U	29000 U	0.44 U	0.49 U	0.48 U	0.49 U	0.44 U	0.56 U	25 U
CARBON DISULFIDE	0.39 U	43000 B	0.36 U	0.4 U	0.39 U	0.4 U	0.36 U	0.45 U	23 B
CARBON TETRACHLORIDE	0.33 U	6300 U	0.3 U	0.34 U	0.33 U	0.34 U	0.3 U	0.38 U	5.4 U
CHLOROBENZENE	0.3 U	6300 U	0.27 U	0.3 U	0.29 U	0.3 U	0.27 U	0.34 U	5.4 U
CHLORODIBROMOMETHANE	0.49 U	12000 U	0.45 U	0.5 U	0.49 U	0.5 U	0.45 U	0.57 U	10 U
CHLOROETHANE	0.77 U	60000 U	0.7 U	0.78 U	0.77 U	0.79 U	0.7 U	0.89 U	52 U
CHLOROFORM	0.26 U	8700 U	0.24 U	0.26 U	0.26 U	0.27 U	0.24 U	0.3 U	7.5 U
CHLOROMETHANE	0.37 U	14000 U	0.34 U	0.37 U	0.37 U	0.38 U	0.33 U	0.42 U	12 U
CIS-1,2-DICHLOROETHENE	0.32 U	6800 U	0.29 U	0.33 U	0.39 J	0.33 U	0.29 U	0.37 U	44 J
CIS-1,3-DICHLOROPROPENE	0.3 U	7800 U	0.28 U	0.31 U	0.3 U	0.31 U	0.28 U	0.35 U	6.7 U
DIBROMOMETHANE	0.56 U	14000 U	0.52 U	0.57 U	0.56 U	0.58 U	0.51 U	0.65 U	12 U
DICHLORODIFLUOROMETHANE	0.45 U	16000 U	0.41 U	0.45 U	0.45 U	0.46 U	0.41 U	0.52 U	14 U

BLOCK E DATA SUMMARY

LOCATION SAMPLE ID SAMPLE DATE	E-VB-10 E-VB-10-072913-0-3 7/29/2013	E-VB-11 E-VB-11-072913-0-3 7/29/2013	E-VB-12 E-VB-12-072913-0-3 7/29/2013	E-VB-13 E-VB-13-072913-0-3 7/29/2013	E-VB-13 E-VB-13-072913-0-3-D 7/29/2013	E-VS-01 E-VS-1-072913-0-1.5 7/29/2013	E-VS-02 E-VS-2-072913-0-1.5 7/29/2013	E-VS-03 E-VS-3-072913-0-1.5 7/29/2013	E-VS-04 E-VS-4-072913-0-1.5 7/29/2013
DIISOPROPYL ETHER	1.3 U	49000 U	1.2 U	1.4 U	1.3 U	1.4 U	1.2 U	1.5 U	42 U
ETHYL TERT-BUTYL ETHER	0.2 U	220 U	0.18 U	0.2 U	0.2 U	0.2 U	0.18 U	0.23 U	0.19 U
ETHYLBENZENE	0.23 U	5300 U	0.21 U	0.24 U	0.23 U	0.24 U	0.21 U	0.27 U	5 J
HEXACHLOROBUTADIENE	1.1 U	14000 U	0.98 U	1.1 U	1.1 U	1.1 U	0.98 U	1.2 U	12 U
HEXANE	2.3 J	NA	NA	NA	NA	NA	NA	NA	NA
ISOPROPYLBENZENE	0.14 U	6400 U	0.13 U	0.15 U	0.14 U	0.15 U	0.13 U	0.17 U	5.5 U
M+P-XYLENES	1.1 U	6900 B	0.98 U	1.1 U	1.1 U	1.1 U	0.98 U	1.2 U	10 B
METHYL ACETATE	3.8 J	NA	7.1 J	10	1.7 J	NA	NA	23	68 J
METHYL TERT-BUTYL ETHER	0.39 U	7000 U	0.35 U	0.39 U	0.38 U	0.39 U	0.35 U	0.44 U	6 U
METHYLENE CHLORIDE	0.6 U	76000 U	0.55 U	0.61 U	0.6 U	0.61 U	0.55 U	0.69 U	65 U
NAPHTHALENE	0.17 U	13000 B	0.16 U	0.17 B	0.17 U	0.17 U	0.16 U	0.2 U	10 B
N-BUTYLBENZENE	0.21 U	7900 U	0.19 U	0.21 U	0.2 U	0.21 U	0.19 U	0.24 U	6.8 U
N-PROPYLBENZENE	0.36 U	14000 U	0.33 U	0.36 U	0.36 U	0.37 U	0.33 U	0.41 U	12 U
O-XYLENE	0.31 U	8400 U	0.29 U	0.32 U	0.31 U	0.32 U	0.29 U	0.36 U	7.2 U
SEC-BUTYLBENZENE	0.16 U	4600 U	0.15 U	0.16 U	0.16 U	0.16 U	0.15 U	0.19 U	4 U
STYRENE	0.13 U	7500 B	0.12 U	0.14 U	0.13 U	0.14 U	0.12 U	0.15 U	4.8 U
TERT-AMYL METHYL ETHER	0.33 U	360 U	0.3 U	0.34 U	0.33 U	0.34 U	0.3 U	0.38 U	0.31 U
TERT-BUTYLBENZENE	0.26 U	6400 U	0.24 U	0.26 U	0.26 U	0.27 U	0.24 U	0.3 U	5.5 U
TERTIARY-BUTYL ALCOHOL	6.8 UR	240000 UR	6.2 UR	6.9 UR	6.8 UR	7 UR	6.2 UR	7.8 UR	200 UR
TETRACHLOROETHENE	0.47 U	12000 U	0.43 U	0.47 U	0.46 U	0.48 U	0.42 U	0.54 U	10 U
TETRAHYDROFURAN	NA	180000 B	NA	NA	NA	NA	NA	NA	160 B
TOLUENE	0.24 U	60000 B	0.22 U	0.25 U	0.24 U	0.25 U	0.22 U	0.28 U	37 B
TOTAL XYLENES	0.6 U	8000 U	0.55 U	0.61 U	0.6 U	0.61 U	0.55 U	0.69 U	10 B
TRANS-1,2-DICHLOROETHENE	0.37 U	9100 U	0.34 U	0.37 U	0.37 U	0.38 U	0.33 U	0.42 U	7.8 U
TRANS-1,3-DICHLOROPROPENE	0.48 U	20000 U	0.44 U	0.49 U	0.48 U	0.49 U	0.44 U	0.56 U	17 U
TRICHLOROETHENE	10	7500000	32	5.2	2.3 J	3.4 J	0.89 J	5.9	1000
TRICHLOROFLUOROMETHANE	0.3 U	16000 U	0.28 U	0.31 U	0.3 U	0.31 U	0.28 U	0.35 U	14 U
VINYL ACETATE	0.22 UR	23000 UR	0.2 UR	0.23 UR	0.22 UR	0.23 UR	0.2 UR	0.26 UR	20 UR
VINYL CHLORIDE	0.35 U	18000 U	0.32 U	0.35 U	0.35 U	0.36 U	0.32 U	0.4 U	15 U
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)									
ACENAPHTHENE	0.88 U	220	0.82 U	16	19	0.86 U	0.79 U	5.7 J	0.79 U
ACENAPHTHYLENE	0.4 U	22 J	0.38 U	9.4	9.5	0.39 U	0.37 U	0.4 U	0.36 U
ANTHRACENE	0.9 U	520	16	42	45	0.88 U	0.81 U	13	9.4
BAP EQUIVALENT-HALFND	12.10245	2540.1	146.205	428.87	572.49	0.72 U	4.94055	65.669	47.768
BAP EQUIVALENT-POS	11.7185	2540.1	145.85	428.87	572.49	0.72 U	4.5735	65.669	47.423
BENZO(A)ANTHRACENE	9	1700	110	270	330	0.71 U	4.7 J	46	38
BENZO(A)PYRENE	8.9	1700	110	280	340	0.72 U	3.6 J	43	36
BENZO(B)FLUORANTHENE	13	2300	160	530	830	0.66 U	5 J	70	53
BENZO(G,H,I)PERYLENE	7.8	1300	110	160	290	0.39 U	0.37 U	35	25
BENZO(K)FLUORANTHENE	0.79 U	840	62	150	210	0.77 U	0.71 U	12	18
CHRYSENE	8.5	1700	130	370	390	1.2 U	3.5 J	49	43
DIBENZO(A,H)ANTHRACENE	0.76 U	320	0.71 U	51	87	0.74 U	0.69 U	8.1	0.69 U
FLUORANTHENE	16	3700	210	640	700	0.62 U	5.9 J	98	75
FLUORENE	0.61 U	180	0.57 U	9.2	12	0.6 U	0.55 U	4 J	4.1 J
INDENO(1,2,3-CD)PYRENE	6.1 J	1100	81	160	270	0.39 U	0.37 U	28	21
NAPHTHALENE	0.95 U	21 J	0.89 U	5.7 J	7 J	0.92 U	0.86 U	0.93 U	5 J
PHENANTHRENE	6.7 J	2000	65	300	260	0.82 U	0.76 U	53	28
PYRENE	13	2600	170	540	580	0.5 U	5 J	73	56

BLOCK E DATA SUMMARY

LOCATION	E-VB-10	E-VB-11	E-VB-12	E-VB-13	E-VB-13	E-VS-01	E-VS-02	E-VS-03	E-VS-04
SAMPLE ID	E-VB-10-072913-0-3	E-VB-11-072913-0-3	E-VB-12-072913-0-3	E-VB-13-072913-0-3	E-VB-13-072913-0-3-D	E-VS-1-072913-0-1.5	E-VS-2-072913-0-1.5	E-VS-3-072913-0-1.5	E-VS-4-072913-0-1.5
SAMPLE DATE	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013
PCBS (UG/KG)									
AROCLOR-1016	24 U	490 U	110 U	120 U	120 U	23 U	22 U	24 U	22 U
AROCLOR-1221	18 U	380 U	87 U	94 U	92 U	18 U	17 U	19 U	17 U
AROCLOR-1232	16 U	330 U	76 U	82 U	81 U	16 U	15 U	16 U	15 U
AROCLOR-1242	15 U	310 U	70 U	76 U	75 U	15 U	14 U	15 U	14 U
AROCLOR-1248	20 U	400 U	92 U	100 U	98 U	19 U	18 U	20 U	18 U
AROCLOR-1254	20 U	400 U	92 U	100 U	98 U	19 U	18 U	20 U	18 U
AROCLOR-1260	58	1400	350	290	390 J	19 U	18 U	140	86
TOTAL AROCLOR	58	1400	350	290	390	0 U	0 U	140	86
TOTAL AROCLOR HALFND	114.5	2555	613.5	576	672	64.5	61	197	138

BLOCK E DATA SUMMARY

LOCATION SAMPLE ID SAMPLE DATE	E-VS-05 E-VS-5-072913-0-1.5 7/29/2013	E-VS-06 E-VS-6-072913-0-1.5 7/29/2013	E-VS-07 E-VS-7-072913-0-1.5 7/29/2013	E-VS-08 E-VS-8-081913 8/19/2013
TICOV (UG/KG)				
TERT-BUTYLDIMETHYLSILANOL	NA	NA	NA	NA
VOLATILES (UG/KG)				
1,1,1,2-TETRACHLOROETHANE	0.56 U	0.49 U	0.58 U	0.65 U
1,1,1-TRICHLOROETHANE	0.5 U	0.44 U	0.52 U	0.59 U
1,1,2,2-TETRACHLOROETHANE	0.31 U	0.27 U	0.32 U	0.36 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.2 U	1 U	1.2 U	1.4 U
1,1-DICHLOROETHANE	0.32 U	0.28 U	0.34 U	0.38 U
1,1-DICHLOROETHENE	0.47 U	0.41 U	0.49 U	0.55 U
1,1-DICHLOROPROPENE	0.27 U	0.24 U	0.28 U	0.31 U
1,2,3-TRICHLOROBENZENE	0.34 U	0.3 U	0.36 U	0.4 U
1,2,3-TRICHLOROPROPANE	0.81 U	0.71 U	0.84 U	0.94 U
1,2,3-TRIMETHYLBENZENE	0.15 U	0.13 U	0.16 U	0.18 U
1,2,4-TRICHLOROBENZENE	0.24 U	0.21 U	0.25 U	0.28 U
1,2,4-TRIMETHYLBENZENE	0.58 U	0.51 U	0.61 U	0.68 U
1,2-DIBROMO-3-CHLOROPROPANE	1.2 U	1 U	1.2 U	1.4 U
1,2-DIBROMOETHANE	0.45 U	0.39 U	0.47 U	0.52 U
1,2-DICHLOROBENZENE	0.32 U	0.28 U	0.34 U	0.38 U
1,2-DICHLOROETHANE	0.31 U	0.27 U	0.32 U	0.36 U
1,2-DICHLOROPROPANE	0.62 U	0.54 U	0.65 U	0.72 U
1,3-DICHLOROBENZENE	0.31 U	0.28 U	0.33 U	0.37 U
1,3-DICHLOROPROPANE	0.31 U	0.27 U	0.32 U	0.36 U
1,4-DICHLOROBENZENE	0.59 U	0.52 U	0.62 U	0.69 U
2,2-DICHLOROPROPANE	0.85 U	0.74 U	0.88 U	0.99 U
2-BUTANONE	1.3 U	1.4 J	1.8 J	4.9 B
2-CHLOROETHYL VINYL ETHER	1.3 U	1.1 U	1.3 U	1.5 U
2-CHLOROTOLUENE	0.36 U	0.31 U	0.37 U	0.42 U
2-HEXANONE	0.57 U	0.5 U	0.59 U	0.66 U
4-CHLOROTOLUENE	0.37 U	0.32 U	0.38 U	0.43 U
4-ISOPROPYLTOLUENE	0.19 U	0.17 U	0.2 U	0.22 U
4-METHYL-2-PENTANONE	0.49 U	0.42 U	0.51 U	0.57 U
ACETONE	60 B	32 B	32 B	66
BENZENE	0.21 U	0.18 U	0.22 U	0.24 U
BROMOBENZENE	0.3 U	0.26 U	0.31 U	0.35 U
BROMOCHLOROMETHANE	0.64 U	0.56 U	0.67 U	0.74 U
BROMODICHLOROMETHANE	0.25 U	0.22 U	0.26 U	0.29 U
BROMOFORM	0.3 U	0.26 U	0.31 U	0.35 U
BROMOMETHANE	0.49 U	0.42 U	0.51 U	0.57 U
CARBON DISULFIDE	0.4 U	0.35 U	0.41 U	0.46 U
CARBON TETRACHLORIDE	0.33 U	0.29 U	0.35 U	0.39 U
CHLOROBENZENE	0.3 U	0.26 U	0.31 U	0.35 U
CHLORODIBROMOMETHANE	0.49 U	0.43 U	0.52 U	0.58 U
CHLOROETHANE	0.77 U	0.68 U	0.81 U	0.9 U
CHLOROFORM	0.26 U	0.23 U	0.27 U	0.3 U
CHLOROMETHANE	0.37 U	0.32 U	0.38 U	0.43 U
CIS-1,2-DICHLOROETHENE	0.32 U	0.28 U	0.34 U	0.38 U
CIS-1,3-DICHLOROPROPENE	0.31 U	0.27 U	0.32 U	0.36 U
DIBROMOMETHANE	0.57 U	0.5 U	0.59 U	0.66 U
DICHLORODIFLUOROMETHANE	0.45 U	0.39 U	0.47 U	0.52 U

BLOCK E DATA SUMMARY

LOCATION SAMPLE ID SAMPLE DATE	E-VS-05 E-VS-5-072913-0-1.5 7/29/2013	E-VS-06 E-VS-6-072913-0-1.5 7/29/2013	E-VS-07 E-VS-7-072913-0-1.5 7/29/2013	E-VS-08 E-VS-8-081913 8/19/2013
DIISOPROPYL ETHER	1.3 U	1.2 U	1.4 U	1.6 U
ETHYL TERT-BUTYL ETHER	0.2 U	0.17 U	0.21 U	0.23 U
ETHYLBENZENE	0.23 U	0.2 U	0.24 U	0.27 U
HEXACHLOROBUTADIENE	1.1 U	0.94 U	1.1 U	1.3 U
HEXANE	NA	NA	NA	NA
ISOPROPYLBENZENE	0.14 U	0.13 U	0.15 U	0.17 U
M+P-XYLENES	1.1 U	0.94 U	1.1 U	1.3 U
METHYL ACETATE	2.6 J	3.3 J	3.1 J	NA
METHYL TERT-BUTYL ETHER	0.39 U	0.34 U	0.4 U	0.45 U
METHYLENE CHLORIDE	0.6 U	0.53 U	0.63 U	0.7 U
NAPHTHALENE	0.17 U	0.15 U	0.18 U	0.2 U
N-BUTYLBENZENE	0.21 U	0.18 U	0.22 U	0.24 U
N-PROPYLBENZENE	0.36 U	0.31 U	0.37 U	0.42 U
O-XYLENE	0.31 U	0.28 U	0.33 U	0.37 U
SEC-BUTYLBENZENE	0.16 U	0.14 U	0.17 U	0.19 U
STYRENE	0.13 U	0.12 U	0.14 U	0.16 U
TERT-AMYL METHYL ETHER	0.33 U	0.29 U	0.35 U	0.39 U
TERT-BUTYLBENZENE	0.26 U	0.23 U	0.27 U	0.3 U
TERTIARY-BUTYL ALCOHOL	6.8 UR	6 UR	7.1 UR	8 UR
TETRACHLOROETHENE	0.47 U	0.41 U	0.49 U	0.55 U
TETRAHYDROFURAN	NA	NA	NA	NA
TOLUENE	0.24 U	0.21 U	0.25 U	0.28 U
TOTAL XYLENES	0.6 U	0.53 U	0.63 U	0.37 U
TRANS-1,2-DICHLOROETHENE	0.37 U	0.32 U	0.38 U	0.43 U
TRANS-1,3-DICHLOROPROPENE	0.49 U	0.42 U	0.51 U	0.57 U
TRICHLOROETHENE	2.1 J	0.37 J	1.8 J	0.44 U
TRICHLOROFLUOROMETHANE	0.31 U	0.27 U	0.32 U	0.36 U
VINYL ACETATE	0.22 UR	0.2 UR	0.23 UR	0.26 UR
VINYL CHLORIDE	0.35 U	0.31 U	0.37 U	0.41 U

POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)

ACENAPHTHENE	0.84 U	8	0.89 U	0.85 U
ACENAPHTHYLENE	0.39 U	0.38 U	0.41 U	0.39 U
ANTHRACENE	0.86 U	20	0.92 U	6 J
BAP EQUIVALENT-HALFND	0.71 U	87.086	0.75 U	NA
BAP EQUIVALENT-POS	0.71 U	86.721	0.75 U	NA
BENZO(A)ANTHRACENE	0.7 U	73	0.74 U	25
BENZO(A)PYRENE	0.71 U	65	0.75 U	24
BENZO(B)FLUORANTHENE	0.65 U	100	0.69 U	35
BENZO(G,H,I)PERYLENE	0.39 U	49	0.41 U	23
BENZO(K)FLUORANTHENE	0.75 U	24	0.8 U	13
CHRYSENE	1.2 U	81	1.3 U	28
DIBENZO(A,H)ANTHRACENE	0.73 U	0.73 U	0.77 U	0.74 U
FLUORANTHENE	0.61 U	170	0.65 U	46
FLUORENE	0.59 U	7.1 J	0.62 U	0.59 U
INDENO(1,2,3-CD)PYRENE	0.39 U	41	0.41 U	18
NAPHTHALENE	0.91 U	0.9 U	0.96 U	0.92 U
PHENANTHRENE	0.81 U	120	0.86 U	25
PYRENE	0.49 U	140	0.52 U	41

BLOCK E DATA SUMMARY

LOCATION	E-VS-05	E-VS-06	E-VS-07	E-VS-08
SAMPLE ID	E-VS-5-072913-0-1.5	E-VS-6-072913-0-1.5	E-VS-7-072913-0-1.5	E-VS-8-081913
SAMPLE DATE	7/29/2013	7/29/2013	7/29/2013	8/19/2013
PCBS (UG/KG)				
AROCLOR-1016	23 U	23 U	25 U	240 U
AROCLOR-1221	18 U	18 U	19 U	180 U
AROCLOR-1232	16 U	15 U	17 U	160 U
AROCLOR-1242	14 U	14 U	15 U	150 U
AROCLOR-1248	19 U	19 U	20 U	190 U
AROCLOR-1254	19 U	19 U	20 U	1800
AROCLOR-1260	19 U	19 U	20 U	190 U
TOTAL AROCLOR	0 U	0 U	0 U	NA
TOTAL AROCLOR HALFND	64	63.5	68	NA

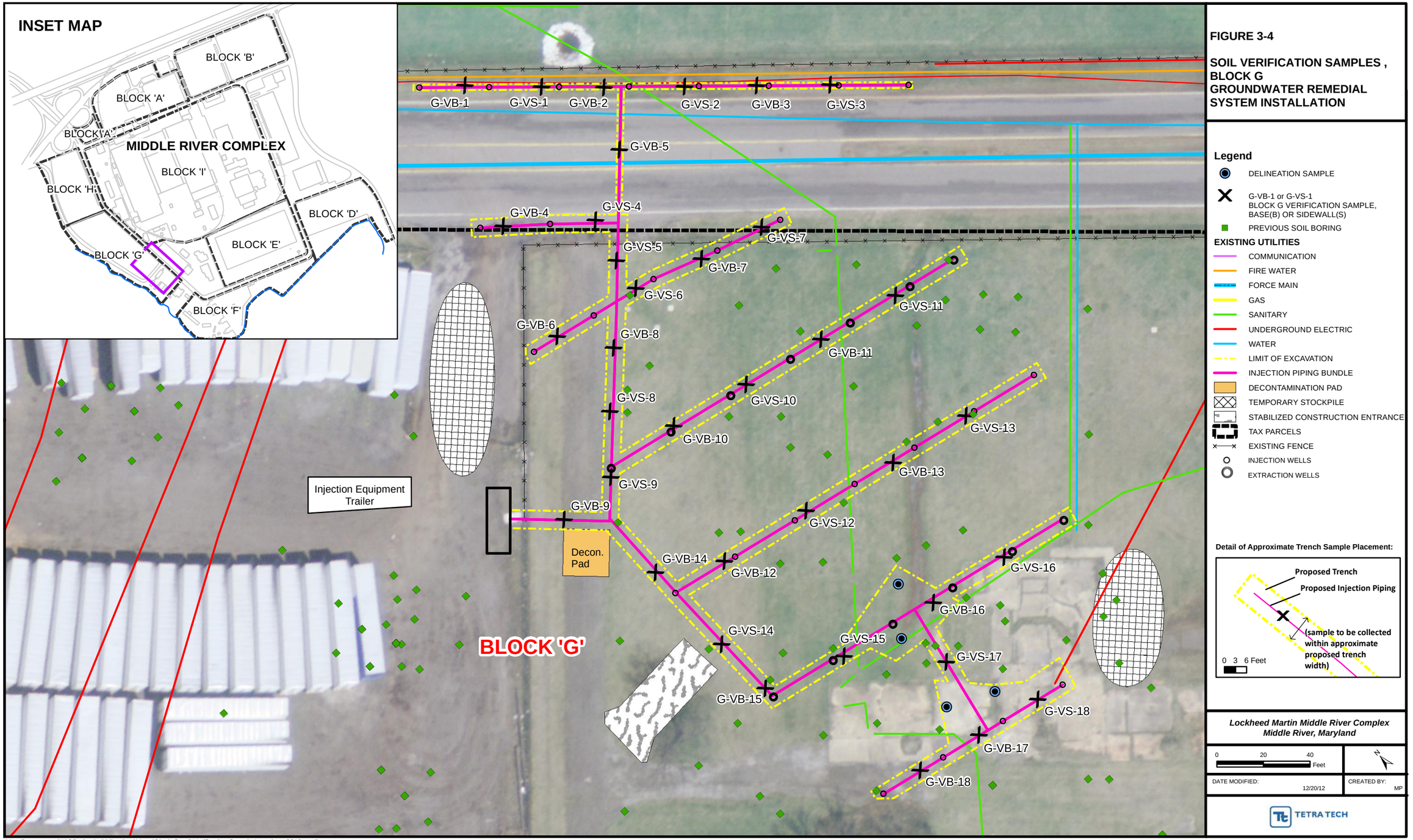


FIGURE 3-4

SOIL VERIFICATION SAMPLES , BLOCK G GROUNDWATER REMEDIAL SYSTEM INSTALLATION

Legend

- DELINEATION SAMPLE
- G-VB-1 or G-VS-1 BLOCK G VERIFICATION SAMPLE, BASE(B) OR SIDEWALL(S)
- PREVIOUS SOIL BORING

EXISTING UTILITIES

- COMMUNICATION
- FIRE WATER
- FORCE MAIN
- GAS
- SANITARY
- UNDERGROUND ELECTRIC
- WATER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- STABILIZED CONSTRUCTION ENTRANCE
- TAX PARCELS
- EXISTING FENCE
- INJECTION WELLS
- EXTRACTION WELLS

Detail of Approximate Trench Sample Placement:

Lockheed Martin Middle River Complex
Middle River, Maryland

0 20 40 Feet

N

DATE MODIFIED: 12/20/12

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block G soil Verification Sample Locations 2012.mxd)
12/20/2012 -- 12:51:31 PM

BLOCK G DATA SUMMARY

LOCATION	G-VB-01	G-VB-02	G-VB-03	G-VB-04	G-VB-05	G-VB-06	G-VB-07	G-VB-08	G-VB-09	G-VB-10	G-VB-11	G-VB-12
SAMPLE ID	G-VB-1-03'	G-VB-2-03'	G-VB-3-03'	G-VB-4-03'	G-VB-5-0.3	G-VB-6-03	G-VB-7-0-3	G-VB-8-0-3	G-VB-9-0-3	G-VB-10-0-3	G-VB-11-0-3	G-VB-12-0-3
SAMPLE DATE	9/11/2013	9/11/2013	9/11/2013	9/12/2013	9/16/2013	9/16/2013	9/17/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013
METALS (MG/KG)												
ARSENIC	3.4	4.8	3.7	2.9	4.5	3.4	5.1	3.7	3.2	3.8	4.8	4.1
SEMIVOLATILES (UG/KG)												
ACENAPHTHENE	6.2 J	0.87 U	5.7 J	0.93 U	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	7.5	0.4 U	4 J	4.6 J	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	38	0.89 U	31	13	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	370	7.7	180 K	110	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	250	18	130 K	150	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	370	25	200 K	190	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	130	11	66 K	79	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	150	0.78 U	75 K	65	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	350	11	180 K	120	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	50	0.75 U	0.73 U	28	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	700	13	400 K	100	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	7.1 J	0.61 U	7.1 J	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	130	0.4 U	66	72	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	3.7 J	0.94 U	0.9 U	6.5 J	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	180	0.83 U	140 K	34	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	610	15	320 K	120	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
ACENAPHTHENE	NA	NA	NA	NA	0.91 U	0.9 U	0.89 U	0.9 U	0.88 U	0.87 U	0.89 U	0.89 U
ACENAPHTHYLENE	NA	NA	NA	NA	0.42 U	0.42 U	0.41 U	4.4 J	0.4 U	0.4 U	0.41 U	0.41 U
ANTHRACENE	NA	NA	NA	NA	0.93 U	0.93 U	0.91 U	7.2 J	0.9 U	0.89 U	0.91 U	0.91 U
BENZO(A)ANTHRACENE	NA	NA	NA	NA	0.75 U	0.75 U	0.74 U	37	0.73 U	22	0.74 U	0.74 U
BENZO(A)PYRENE	NA	NA	NA	NA	0.77 U	0.76 U	0.75 U	43	0.74 U	26	0.75 U	0.75 U
BENZO(B)FLUORANTHENE	NA	NA	NA	NA	0.71 U	0.7 U	0.69 U	61	0.68 U	27	0.69 U	0.69 U
BENZO(G,H,I)PERYLENE	NA	NA	NA	NA	0.42 U	0.42 U	0.41 U	37	0.4 U	20	0.41 U	0.41 U
BENZO(K)FLUORANTHENE	NA	NA	NA	NA	0.81 U	0.81 U	0.8 U	19	0.78 U	12	0.79 U	0.8 U
CHRYSENE	NA	NA	NA	NA	1.3 U	1.3 U	1.3 U	47	1.3 U	31	1.3 U	1.3 U
DIBENZO(A,H)ANTHRACENE	NA	NA	NA	NA	0.79 U	0.79 U	0.77 U	8.2	0.76 U	0.75 U	0.77 U	0.77 U
FLUORANTHENE	NA	NA	NA	NA	0.66 U	0.65 U	0.64 U	62	0.63 U	35	0.64 U	0.64 U
FLUORENE	NA	NA	NA	NA	0.63 U	0.63 U	0.62 U	0.63 U	0.61 U	0.61 U	0.62 U	0.62 U
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	NA	0.42 U	0.42 U	0.41 U	29	0.4 U	15	0.41 U	0.41 U
NAPHTHALENE	NA	NA	NA	NA	0.98 U	0.98 U	0.96 U	8.2	0.94 U	0.94 U	0.96 U	0.96 U
PHENANTHRENE	NA	NA	NA	NA	0.87 U	0.87 U	0.86 U	24	0.84 U	15	0.85 U	0.85 U
PYRENE	NA	NA	NA	NA	0.53 U	0.52 U	0.52 U	73	0.51 U	51	0.51 U	0.52 U

BLOCK G DATA SUMMARY

LOCATION	G-VB-12	G-VB-13	G-VB-14	G-VB-15	G-VB-16	G-VB-17	G-VB-17	G-VB-18	G-VS-01	G-VS-02	G-VS-03	G-VS-04
SAMPLE ID	G-VB-12-0-3-D	G-VB-13-0-3	G-VB-14-0-3	G-VB-15-0-3	G-VB-16-0-3	G-VB-17-0-3	G-VB-17-0-3-D	G-VB-18-0-3	G-VS-1-1.5'	G-VS-2-1.5'	G-VS-3-0-1.5	G-VS-4-1.5
SAMPLE DATE	9/19/2013	9/24/2013	9/24/2013	9/24/2013	11/11/2013	11/12/2013	11/12/2013	11/12/2013	9/11/2013	9/11/2013	9/17/2013	9/16/2013
METALS (MG/KG)												
ARSENIC	3.9	5.8	3.6	5.1	0.58 J	1.6	2.4	2.3	1.8	2.9	3.8	4.4
SEMIVOLATILES (UG/KG)												
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	3.9 J	22	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	15	0.4 U	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	19	23	NA	NA
BENZO(A)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	120	71	NA	NA
BENZO(A)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	140	64	NA	NA
BENZO(B)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	200	95	NA	NA
BENZO(G,H,I)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	99	36	NA	NA
BENZO(K)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	42	33	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	130	76	NA	NA
DIBENZO(A,H)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	36	0.75 U	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	160	130	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	4.8 J	15	NA	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	81	38	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	6.6 J	13	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	55	94	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	170	100	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
ACENAPHTHENE	0.84 U	0.87 U	0.86 U	0.85 U	0.89 U	0.9 U	0.91 U	0.89 U	NA	NA	0.83 U	0.89 U
ACENAPHTHYLENE	0.38 U	0.4 U	0.4 U	0.39 U	0.41 U	8.1	4.9 J	0.41 U	NA	NA	0.38 U	12
ANTHRACENE	0.86 U	0.9 U	0.88 U	0.87 U	0.92 U	5.6 J	0.93 U	0.92 U	NA	NA	0.85 U	16
BENZO(A)ANTHRACENE	0.69 U	0.72 U	0.71 U	0.7 U	0.74 U	39 J	14 J	0.74 U	NA	NA	0.69 U	87
BENZO(A)PYRENE	0.7 U	0.73 U	0.73 U	0.71 U	0.75 U	56 G	19 G	0.75 U	NA	NA	4.3 J	110
BENZO(B)FLUORANTHENE	0.65 U	0.68 U	0.67 U	0.66 U	0.69 U	59 J	22 J	0.69 U	NA	NA	4.7 J	160
BENZO(G,H,I)PERYLENE	0.38 U	0.4 U	0.4 U	0.39 U	0.41 U	54 J	13 J	0.41 U	NA	NA	0.38 U	92
BENZO(K)FLUORANTHENE	0.75 U	0.78 U	0.77 U	0.76 U	0.8 U	29 J	7.8 J	0.8 U	NA	NA	0.74 U	51
CHRYSENE	1.2 U	1.3 U	1.2 U	1.2 U	1.3 U	52 J	17 J	1.3 U	NA	NA	1.2 U	120
DIBENZO(A,H)ANTHRACENE	0.73 U	0.76 U	0.75 U	0.74 U	0.78 U	0.78 U	0.79 U	0.77 U	NA	NA	0.72 U	27
FLUORANTHENE	0.6 U	0.63 U	0.62 U	0.61 U	0.65 U	35 J	16 J	0.65 U	NA	NA	3.8 J	150
FLUORENE	0.58 U	0.61 U	0.6 U	0.59 U	0.62 U	0.63 U	0.63 U	0.62 U	NA	NA	0.58 U	0.62 U
INDENO(1,2,3-CD)PYRENE	0.38 U	0.4 U	0.4 U	0.39 U	0.41 U	43 J	12 J	0.41 U	NA	NA	0.38 U	77
NAPHTHALENE	0.9 U	0.94 U	0.93 U	0.92 U	0.96 U	3.5 J	0.98 U	0.96 U	NA	NA	0.9 U	12
PHENANTHRENE	0.8 U	0.84 U	0.83 U	0.82 U	0.86 U	9.6	4.9 J	4.4 J	NA	NA	0.8 U	75
PYRENE	0.48 U	0.51 U	0.5 U	0.49 U	0.52 U	60 J	30 J	0.52 U	NA	NA	4 J	150

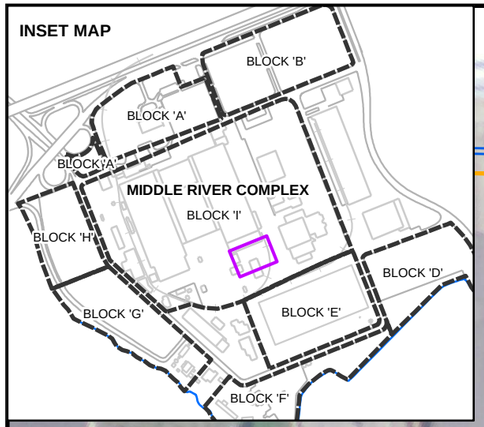
BLOCK G DATA SUMMARY

LOCATION	G-VS-05	G-VS-06	G-VS-07	G-VS-08	G-VS-09	G-VS-10	G-VS-11	G-VS-12	G-VS-13	G-VS-13	G-VS-14	G-VS-15
SAMPLE ID	G-VS-5-1.5	G-VS-6-0-1.5	G-VS-7-0-1.5	G-VS-8-0-1.5	G-VS-9-0-1.5	G-VS-10-0-1.5	G-VS-11-0-1.5	G-VS-12-0-1.5	G-VS-13-0-1.5	G-VS-13-0-1.5-D	G-VS-14-0-1.5	G-VS-15-0-1.5
SAMPLE DATE	9/16/2013	9/17/2013	9/17/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013	9/24/2013	9/24/2013	9/24/2013	11/11/2013
METALS (MG/KG)												
ARSENIC	2.7	7.4	4.1	3.7	4.2	3.6	3.5	3.7	2.3	2.3	6.3	4
SEMIVOLATILES (UG/KG)												
ACENAPHTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACENAPHTHYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(K)FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIBENZO(A,H)ANTHRACENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
ACENAPHTHENE	0.86 U	0.85 U	0.84 U	27	16	0.87 U	0.84 U	0.88 U	0.88 U	3.5 U	5.1 J	7.5 J
ACENAPHTHYLENE	0.4 U	0.39 U	0.39 U	14	23	0.4 U	0.39 U	0.41 U	0.4 U	1.6 U	0.39 U	25
ANTHRACENE	0.89 U	0.87 U	0.86 U	99	54	0.89 U	0.86 U	0.91 U	0.9 U	3.6 U	7.5	45
BENZO(A)ANTHRACENE	0.72 U	0.7 U	0.7 U	450	310	6.1 J	16	0.73 U	0.73 U	2.9 U	27	430
BENZO(A)PYRENE	0.73 U	0.71 U	0.71 U	360	390	5.1 J	17	0.74 U	0.74 U	2.9 U	23	440
BENZO(B)FLUORANTHENE	0.67 U	0.66 U	0.65 U	490	500	6.2 J	23	0.69 U	9.6	2.7 U	40	480
BENZO(G,H,I)PERYLENE	0.4 U	0.39 U	0.39 U	220	300	5.1 J	13	0.41 U	0.4 U	1.6 U	17	340
BENZO(K)FLUORANTHENE	0.77 U	0.76 U	0.75 U	190	160	3.8 J	7.8	0.79 U	0.79 U	3.1 U	7.2 J	170
CHRYSENE	1.3 U	1.2 U	1.2 U	420	380	4.9 J	24	1.3 U	1.3 U	5.1 U	30	520
DIBENZO(A,H)ANTHRACENE	0.75 U	0.73 U	0.73 U	58	75	0.75 U	0.73 U	0.77 U	0.76 U	3 U	0.73 U	83
FLUORANTHENE	0.63 U	0.61 U	0.61 U	990	460	6.9 J	33	0.64 U	22	2.5 U	50	500
FLUORENE	0.6 U	0.59 U	0.59 U	33	17	0.6 U	6.8 J	0.62 U	0.61 U	2.4 U	9.2	8.8
INDENO(1,2,3-CD)PYRENE	0.4 U	0.39 U	0.39 U	200	250	0.4 U	11	0.41 U	0.4 U	1.6 U	16	260
NAPHTHALENE	0.93 U	0.91 U	0.91 U	14	24	0.93 U	6.7 J	0.95 U	0.95 U	3.8 U	16	19
PHENANTHRENE	0.83 U	0.81 U	0.81 U	490	210	3.9 J	19	0.85 U	0.84 U	3.4 U	37	110
PYRENE	0.5 U	0.49 U	0.49 U	870	610	9.8	40	0.51 U	18	2 U	42	820

BLOCK G DATA SUMMARY

LOCATION	G-VS-16	G-VS-17
SAMPLE ID	G-VS-16-0-1.5	G-VS-17-0-1.5
SAMPLE DATE	11/12/2013	11/12/2013
METALS (MG/KG)		
ARSENIC	1.6	1.4
SEMIVOLATILES (UG/KG)		
ACENAPHTHENE	NA	NA
ACENAPHTHYLENE	NA	NA
ANTHRACENE	NA	NA
BENZO(A)ANTHRACENE	NA	NA
BENZO(A)PYRENE	NA	NA
BENZO(B)FLUORANTHENE	NA	NA
BENZO(G,H,I)PERYLENE	NA	NA
BENZO(K)FLUORANTHENE	NA	NA
CHRYSENE	NA	NA
DIBENZO(A,H)ANTHRACENE	NA	NA
FLUORANTHENE	NA	NA
FLUORENE	NA	NA
INDENO(1,2,3-CD)PYRENE	NA	NA
NAPHTHALENE	NA	NA
PHENANTHRENE	NA	NA
PYRENE	NA	NA
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)		
ACENAPHTHENE	0.87 U	0.85 U
ACENAPHTHYLENE	0.4 U	12
ANTHRACENE	0.89 U	15
BENZO(A)ANTHRACENE	7.6	75
BENZO(A)PYRENE	6.1 J	110
BENZO(B)FLUORANTHENE	8.6	120
BENZO(G,H,I)PERYLENE	0.4 U	100
BENZO(K)FLUORANTHENE	3.9 J	49
CHRYSENE	8.9	86
DIBENZO(A,H)ANTHRACENE	0.75 U	21
FLUORANTHENE	15	74
FLUORENE	0.6 U	0.59 U
INDENO(1,2,3-CD)PYRENE	0.4 U	72
NAPHTHALENE	0.94 U	10
PHENANTHRENE	8.4	26
PYRENE	13	120

INSET MAP



Injection Equipment Trailer

Decon Pad

I-VB-1
I-VS-1
I-DC-SCA-1-A
I-VS-2
I-VB-2
I-DC-SCA-1-B
I-VS-3
I-VB-3
I-VS-4
I-DC-SCA-1-C
I-VB-4
I-VS-5
I-DC-SCA-1-D
I-VB-5
I-VS-6
I-DC-SCA-1-E

FIGURE 3-6

SOIL VERIFICATION AND DISPOSAL CHARACTERIZATION SAMPLE LOCATIONS, BLOCK I GROUNDWATER REMEDIAL SYSTEM INSTALLATION

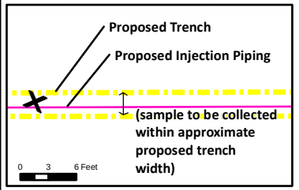
LEGEND

- I-DC-SCA-#-(A-E) PRE-EXCAVATION DISPOSAL CHARACTERIZATION (DC) SOIL BORING/SAMPLE COMPOSITE LOCATION
- I-VB-1 or I-VS-1 BLOCK I VERIFICATION SAMPLE, BASE(B) OR SIDEWALL(S)

EXISTING UTILITIES

- COMMUNICATION
- FIRE WATER
- FORCE MAIN
- GAS
- SANITARY SEWER
- UNDERGROUND ELECTRIC
- WATER
- STORM SEWER
- LIMIT OF EXCAVATION
- INJECTION PIPING BUNDLE
- TRAILER
- DECONTAMINATION PAD
- TEMPORARY STOCKPILE
- EXISTING FENCE
- TAX PARCELS
- INJECTION WELLS
- EXTRACTION WELLS

Detail of Approximate Trench Sample Placement:



Lockheed Martin Middle River Complex
Middle River, Maryland

0 3.256.5 13 Feet

N

DATE MODIFIED: 12/20/12

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block I soil Verification and Disposal Characterization Sample Locations 2012.mxd)
12/20/2012 -- 3:55:09 PM

BLOCK I DATA SUMMARY

LOCATION	I-VB-1	I-VB-1	I-VB-2	I-VB-3	I-VB-4	I-VB-5	I-VS-1	I-VS-2	I-VS-3	I-VS-4	I-VS-5	I-VS-6
SAMPLE ID	I-VB-1-0-3	I-VB-1-0-3-D	I-VB-2-0-3	I-VB-3-0-3	I-VB-4-0-3	I-VB-5-0-3	I-VS-1-0-1.5	I-VS-2-0-1.5	I-VS-3-0-1.5	I-VS-4-0-1.5	I-VS-5-0-1.5	I-VS-6-0-1.5
SAMPLE DATE	12/11/2013	12/11/2013	12/9/2013	12/5/2013	12/3/2013	12/4/2013	12/12/2013	12/11/2013	12/9/2013	12/4/2013	12/4/2013	12/3/2013
VOLATILES (UG/KG)												
1,1,1,2-TETRACHLOROETHANE	0.74 U	0.56 U	0.6 U	0.59 U	0.55 U	0.58 U	0.56 U	0.54 U	0.52 U	0.63 U	0.59 U	0.54 U
1,1,1-TRICHLOROETHANE	0.67 U	0.51 U	0.54 U	0.53 U	0.5 U	0.52 U	0.51 U	0.49 U	0.47 U	0.57 U	0.53 U	0.49 U
1,1,2,2-TETRACHLOROETHANE	0.41 U	0.31 U	0.33 U	0.32 U	0.3 U	0.32 U	0.31 U	0.3 U	0.29 U	0.35 U	0.32 U	0.3 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.6 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.3 U	1.2 U	1.1 U
1,1-DICHLOROETHANE	0.43 U	0.33 U	0.35 U	0.34 U	0.32 U	0.34 U	0.33 U	0.31 U	0.3 U	0.37 U	0.34 U	0.31 U
1,1-DICHLOROETHENE	0.62 U	0.47 U	0.5 U	0.49 U	0.46 U	0.48 U	0.47 U	0.45 U	0.44 U	0.53 U	0.49 U	0.45 U
1,1-DICHLOROPROPENE	0.36 U	0.27 U	0.29 U	0.29 U	0.27 U	0.28 U	0.27 U	0.26 U	0.25 U	0.31 U	0.28 U	0.26 U
1,2,3-TRICHLOROBENZENE	0.45 U	0.35 U	0.37 U	0.36 U	0.34 U	0.35 U	0.34 U	0.33 U	0.32 U	0.39 U	0.36 U	0.33 U
1,2,3-TRICHLOROPROPANE	1.1 U	0.82 U	0.87 U	0.86 U	0.8 U	0.84 U	0.81 U	0.78 U	0.76 U	0.92 U	0.85 U	0.78 U
1,2,3-TRIMETHYLBENZENE	0.2 U	0.15 U	0.16 U	0.16 U	2.1 J	0.16 U	0.15 U	0.15 U	0.14 U	0.17 U	0.16 U	0.15 U
1,2,4-TRICHLOROBENZENE	0.32 U	0.25 U	0.26 U	0.26 U	0.24 U	0.25 U	0.24 U	0.24 U	0.23 U	0.28 U	0.26 U	0.23 U
1,2,4-TRIMETHYLBENZENE	0.78 U	0.59 U	0.63 U	0.62 U	5.2	0.61 U	0.59 U	0.57 U	0.55 U	0.66 U	0.62 U	0.56 U
1,2-DIBROMO-3-CHLOROPROPANE	1.6 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.3 U	1.2 U	1.1 U
1,2-DIBROMOETHANE	0.6 U	0.45 U	0.48 U	0.48 U	0.45 U	0.47 U	0.45 U	0.44 U	0.42 U	0.51 U	0.47 U	0.43 U
1,2-DICHLOROBENZENE	0.43 U	0.33 U	0.35 U	0.34 U	0.32 U	0.34 U	0.33 U	0.31 U	0.3 U	0.37 U	0.34 U	0.31 U
1,2-DICHLOROETHANE	0.41 U	0.31 U	0.33 U	0.32 U	0.3 U	0.32 U	0.31 U	0.3 U	0.29 U	0.35 U	0.32 U	0.3 U
1,2-DICHLOROPROPANE	0.83 U	0.63 U	0.66 U	0.66 U	0.61 U	0.64 U	0.62 U	0.6 U	0.58 U	0.7 U	0.65 U	0.6 U
1,3-DICHLOROBENZENE	0.42 U	0.32 U	0.34 U	0.33 U	0.31 U	0.33 U	0.32 U	0.3 U	0.3 U	0.36 U	0.33 U	0.3 U
1,3-DICHLOROPROPANE	0.41 U	0.31 U	0.33 U	0.32 U	0.3 U	0.32 U	0.31 U	0.3 U	0.29 U	0.35 U	0.32 U	0.3 U
1,4-DICHLOROBENZENE	0.79 U	0.6 U	0.63 U	0.63 U	0.59 U	0.62 U	0.6 U	0.57 U	0.56 U	0.67 U	0.63 U	0.57 U
2,2-DICHLOROPROPANE	1.1 U	0.85 U	0.9 U	0.89 U	0.84 U	0.88 U	0.85 U	0.82 U	0.79 U	0.96 U	0.89 U	0.82 U
2-BUTANONE	2.9 J	2.5 J	2 J	1.3 U	14 J	93	1.3 U	3.5 J	1.8 J	2.7 J	2.3 J	1.2 U
2-CHLOROETHYL VINYL ETHER	1.7 U	1.3 U	1.3 U	1.3 U	1.2 U	1.3 U	1.3 U	1.2 U	1.2 U	1.4 U	1.3 U	1.2 U
2-CHLOROTOLUENE	0.48 U	0.36 U	0.38 U	0.38 U	0.36 U	0.37 U	0.36 U	0.35 U	0.34 U	0.41 U	0.38 U	0.35 U
2-HEXANONE	0.75 U	0.57 U	0.61 U	0.6 U	0.56 U	0.59 U	0.57 U	0.55 U	0.53 U	0.64 U	0.6 U	0.55 U
4-CHLOROTOLUENE	0.49 U	0.37 U	0.39 U	0.39 U	0.37 U	0.38 U	0.37 U	0.36 U	0.35 U	0.42 U	0.39 U	0.36 U
4-ISOPROPYLTOLUENE	0.25 U	0.19 U	0.2 U	0.2 U	0.81 J	0.2 U	0.19 U	0.18 U	0.18 U	0.21 U	0.2 U	0.18 U
4-METHYL-2-PENTANONE	0.65 U	0.49 U	0.52 U	0.51 U	0.48 U	0.52 J	0.49 U	0.47 U	0.46 U	0.55 U	0.51 U	0.47 U
ACETONE	42	35	21	6 U	41 B	79 B	5.7 U	39	5.3 U	13 B	24 B	5.5 U
BENZENE	0.28 U	0.21 U	0.22 U	0.22 U	0.26 J	0.21 U	0.21 U	0.2 U	0.19 U	0.23 U	0.22 U	0.2 U
BROMOBENZENE	0.39 U	0.3 U	0.32 U	0.31 U	0.29 U	0.31 U	0.3 U	0.29 U	0.28 U	0.34 U	0.31 U	0.29 U
BROMOCHLOROMETHANE	0.85 U	0.64 U	0.68 U	0.68 U	0.63 U	0.66 U	0.64 U	0.62 U	0.6 U	0.72 U	0.67 U	0.62 U
BROMODICHLOROMETHANE	0.33 U	0.25 U	0.27 U	0.27 U	0.25 U	0.26 U	0.25 U	0.24 U	0.24 U	0.29 U	0.27 U	0.24 U
BROMOFORM	0.39 U	0.3 U	0.32 U	0.31 U	0.29 U	0.31 U	0.3 U	0.29 U	0.28 U	0.34 U	0.31 U	0.29 U
BROMOMETHANE	0.65 U	0.49 U	0.52 U	0.51 U	0.48 U	0.5 U	0.49 U	0.47 U	0.46 U	0.55 U	0.51 U	0.47 U
CARBON DISULFIDE	0.53 U	0.4 U	0.42 U	0.42 U	2 J	0.41 U	0.4 U	0.6 J	0.37 U	0.45 U	0.42 U	0.38 U
CARBON TETRACHLORIDE	0.44 U	0.34 U	0.36 U	0.35 U	0.33 U	0.34 U	0.33 U	0.32 U	0.31 U	0.38 U	0.35 U	0.32 U
CHLOROBENZENE	0.39 U	0.3 U	0.32 U	0.31 U	0.29 U	0.31 U	0.3 U	0.29 U	0.28 U	0.34 U	0.31 U	0.29 U
CHLORODIBROMOMETHANE	0.66 U	0.5 U	0.53 U	0.52 U	0.49 U	0.51 U	0.5 U	0.48 U	0.46 U	0.56 U	0.52 U	0.48 U
CHLOROETHANE	1 U	0.78 U	0.83 U	0.82 U	0.77 U	0.8 U	0.78 U	0.75 U	0.73 U	0.88 U	0.82 U	0.75 U
CHLOROFORM	0.35 U	0.26 U	0.28 U	0.28 U	0.26 U	0.27 U	0.26 U	0.25 U	0.24 U	0.3 U	0.28 U	0.25 U
CHLOROMETHANE	0.49 U	0.37 U	0.39 U	0.39 U	0.37 U	0.38 U	0.37 U	0.36 U	0.35 U	0.42 U	0.39 U	0.36 U
CIS-1,2-DICHLOROETHENE	0.43 U	0.33 U	0.35 U	0.34 U	0.32 U	0.34 U	0.33 U	0.31 U	0.3 U	0.37 U	0.34 U	0.31 U
CIS-1,3-DICHLOROPROPENE	0.41 U	0.31 U	0.33 U	0.32 U	0.3 U	0.32 U	0.31 U	0.3 U	0.29 U	0.35 U	0.32 U	0.3 U
DIBROMOMETHANE	0.75 U	0.57 U	0.61 U	0.6 U	0.56 U	0.59 U	0.57 U	0.55 U	0.53 U	0.64 U	0.6 U	0.55 U
DICHLORODIFLUOROMETHANE	0.6 U	0.45 U	0.48 U	0.48 U	0.45 U	0.47 U	0.45 U	0.44 U	0.42 U	0.51 U	0.47 U	0.43 U
DIISOPROPYL ETHER	1.8 U	1.4 U	1.4 U	1.4 U	1.3 U	1.4 U	1.4 U	1.3 U	1.3 U	1.5 U	1.4 U	1.3 U
ETHYL TERT-BUTYL ETHER	0.26 U	0.2 U	0.21 U	0.21 U	0.2 U	0.21 U	0.2 U	0.19 U	0.19 U	0.22 U	0.21 U	0.19 U
ETHYLBENZENE	0.31 U	0.24 U	0.25 U	0.25 U	0.23 J	0.24 U	0.24 U	0.23 U	0.22 U	0.27 U	0.25 U	0.23 U
HEXACHLOROBUTADIENE	1.4 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1.2 U	1.1 U	1 U
ISOPROPYLBENZENE	0.19 U	0.15 U	0.15 U	0.15 U	0.29 J	0.15 U	0.14 U	0.14 U	0.13 U	0.16 U	0.15 U	0.14 U
M+P-XYLENES	1.4 U	1.1 U	1.2 U	1.1 U	1.4 J	1.1 U	1.1 U	1 U	1 U	1.2 U	1.1 U	1 U
METHYL TERT-BUTYL ETHER	0.51 U	0.39 U	0.41 U	0.41 U	0.38 U	0.4 U	0.39 U	0.37 U	0.36 U	0.44 U	0.41 U	0.37 U

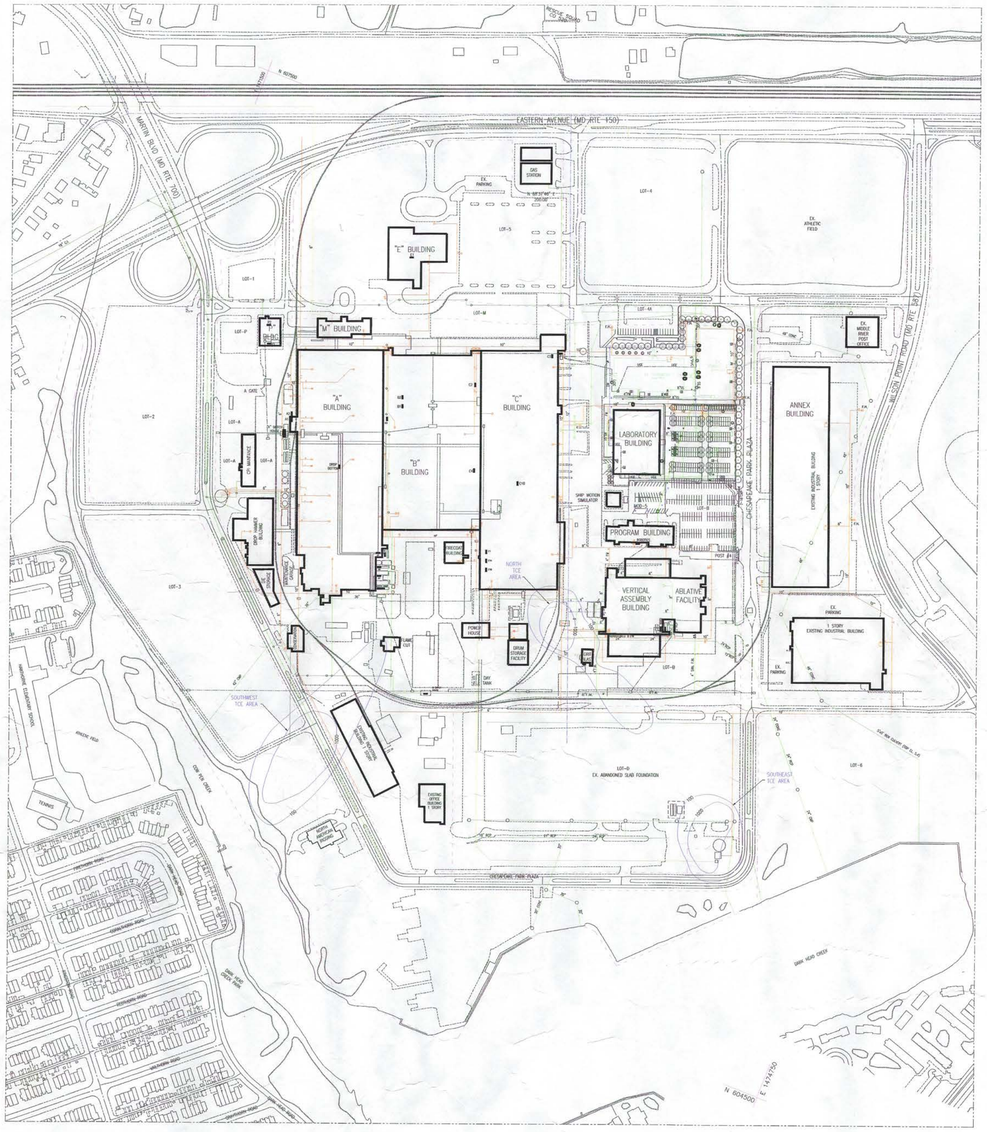
BLOCK I DATA SUMMARY

LOCATION	I-VB-1	I-VB-1	I-VB-2	I-VB-3	I-VB-4	I-VB-5	I-VS-1	I-VS-2	I-VS-3	I-VS-4	I-VS-5	I-VS-6
SAMPLE ID	I-VB-1-0-3	I-VB-1-0-3-D	I-VB-2-0-3	I-VB-3-0-3	I-VB-4-0-3	I-VB-5-0-3	I-VS-1-0-1.5	I-VS-2-0-1.5	I-VS-3-0-1.5	I-VS-4-0-1.5	I-VS-5-0-1.5	I-VS-6-0-1.5
SAMPLE DATE	12/11/2013	12/11/2013	12/9/2013	12/5/2013	12/3/2013	12/4/2013	12/12/2013	12/11/2013	12/9/2013	12/4/2013	12/4/2013	12/3/2013
METHYLENE CHLORIDE	0.8 U	0.61 U	0.64 U	0.64 U	0.6 U	0.62 U	0.61 U	0.58 U	0.57 U	0.68 U	0.64 U	0.58 U
NAPHTHALENE	0.23 U	0.17 U	0.18 U	0.18 U	1.1 B	0.18 U	0.17 U	0.17 U	0.16 U	0.19 U	0.18 U	0.16 U
N-BUTYLBENZENE	0.28 U	0.21 U	0.22 U	0.22 U	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.23 U	0.22 U	0.2 U
N-PROPYLBENZENE	0.48 U	0.36 U	0.38 U	0.38 U	1 B	0.37 U	0.36 U	0.35 U	0.34 U	0.41 U	0.38 U	0.35 U
O-XYLENE	0.42 U	0.32 U	0.34 U	0.33 U	0.39 J	0.33 U	0.32 U	0.3 U	0.3 U	0.36 U	0.33 U	0.3 U
SEC-BUTYLBENZENE	0.22 U	0.16 U	0.17 U	0.17 U	0.7 J	0.17 U	0.16 U	0.16 U	0.15 U	0.18 U	0.17 U	0.16 U
STYRENE	0.2 B	0.14 U	0.14 B	0.14 U	0.13 J	0.18 J	0.14 U	0.14 B	0.13 U	0.15 U	0.14 U	0.13 U
TERT-AMYL METHYL ETHER	0.44 U	0.34 U	0.36 U	0.35 U	0.33 U	0.34 U	0.33 U	0.32 U	0.31 U	0.38 U	0.35 U	0.32 U
TERT-BUTYLBENZENE	0.35 U	0.26 U	0.28 U	0.28 U	0.26 U	0.27 U	0.26 U	0.25 U	0.24 U	0.3 U	0.28 U	0.25 U
TERTIARY-BUTYL ALCOHOL	9.1 UR	6.9 UR	7.3 UR	7.2 UR	6.8 UR	7.1 UR	6.9 UR	6.6 UR	6.4 UR	7.8 UR	7.2 UR	6.6 UR
TETRACHLOROETHENE	0.62 U	0.47 U	0.5 U	0.49 U	0.46 U	0.48 U	0.47 U	0.45 U	0.44 U	0.53 U	0.49 U	0.45 U
TOLUENE	0.32 U	0.25 U	0.26 U	0.26 U	0.33 J	0.25 U	0.24 U	0.24 U	0.23 U	0.28 U	0.26 U	0.23 U
TOTAL XYLENES	0.42 U	0.32 U	0.34 U	0.33 U	1.8 J	0.33 U	0.32 U	0.3 U	0.3 U	0.36 U	0.33 U	0.3 U
TRANS-1,2-DICHLOROETHENE	0.49 U	0.37 U	0.39 U	0.39 U	0.37 U	0.38 U	0.37 U	0.36 U	0.35 U	0.42 U	0.39 U	0.36 U
TRANS-1,3-DICHLOROPROPENE	0.65 U	0.49 U	0.52 U	0.51 U	0.48 U	0.5 U	0.49 U	0.47 U	0.46 U	0.55 U	0.51 U	0.47 U
TRICHLOROETHENE	0.5 U	0.38 U	0.4 U	0.4 U	0.37 U	0.39 U	0.38 U	0.37 U	0.35 U	0.43 U	0.4 U	0.36 U
TRICHLOROFLUOROMETHANE	0.41 U	0.31 U	0.33 U	0.32 U	0.3 U	0.32 U	0.31 U	0.3 U	0.29 U	0.35 U	0.32 U	0.3 U
VINYL ACETATE	0.3 UR	0.23 UR	0.24 UR	0.24 UR	0.22 UR	0.23 UR	0.23 UR	0.22 UR	0.21 UR	0.26 UR	0.24 UR	0.22 UR
VINYL CHLORIDE	0.47 U	0.35 U	0.38 U	0.37 U	0.35 U	0.36 U	0.35 U	0.34 U	0.33 U	0.4 U	0.37 U	0.34 U
POLYCYCLIC AROMATIC HYDROCARBONS (UG/KG)												
ACENAPHTHENE	0.88 U	0.85 U	0.95 U	0.96 U	0.89 U	0.89 U	7.9 J	11	0.86 U	0.92 U	0.88 U	0.85 U
ACENAPHTHYLENE	0.41 U	0.39 U	0.44 U	0.44 U	0.41 U	0.41 U	0.42 U	0.39 U	0.4 U	0.42 U	0.4 U	0.39 U
ANTHRACENE	0.91 U	0.88 U	0.98 U	4.7 J	5.3 J	0.91 U	16	19	0.88 U	0.94 U	0.9 U	0.87 U
BAP EQUIVALENT-HALFND	0.74 U	0.72 U	0.8 U	0.81 U	24.128	0.75 U	89.945	90.239	2.60235	0.77 U	0.74 U	0.71 U
BAP EQUIVALENT-POS	0.74 U	0.72 U	0.8 U	0.81 U	23.738	0.75 U	89.55	89.869	1.8385	0.77 U	0.74 U	0.71 U
BENZO(A)ANTHRACENE	0.73 U	0.71 U	0.79 U	0.8 U	15	0.74 U	70	66	7.3 J	0.76 U	0.73 U	0.7 U
BENZO(A)PYRENE	0.74 U	0.72 U	0.8 U	0.81 U	18	0.75 U	69	67	0.73 U	0.77 U	0.74 U	0.71 U
BENZO(B)FLUORANTHENE	0.69 U	0.66 U	0.74 U	0.75 U	30	0.69 U	97	110	11	0.71 U	0.68 U	0.66 U
BENZO(G,H,I)PERYLENE	0.41 U	0.39 U	0.44 U	0.44 U	18	0.41 U	32	59	0.4 U	0.42 U	0.4 U	0.39 U
BENZO(K)FLUORANTHENE	0.79 U	0.76 U	0.85 U	0.86 U	11	0.79 U	38	39	0.77 U	0.82 U	0.78 U	0.76 U
CHRYSENE	1.3 U	1.2 U	1.4 U	1.4 U	28	1.3 U	70	79	8.5	1.3 U	1.3 U	1.2 U
DIBENZO(A,H)ANTHRACENE	0.77 U	0.74 U	0.83 U	0.84 U	0.78 U	0.77 U	0.79 U	0.74 U	0.75 U	0.8 U	0.76 U	0.74 U
FLUORANTHENE	0.64 U	5.3 J	0.69 U	12	37	0.64 U	120	120	13	0.66 U	0.63 U	4 J
FLUORENE	0.62 U	0.6 U	0.66 U	0.67 U	0.62 U	0.62 U	6.8 J	9.8	0.6 U	0.64 U	0.61 U	0.59 U
INDENO(1,2,3-CD)PYRENE	0.41 U	0.39 U	0.44 U	0.44 U	11	0.41 U	34	48	0.4 U	0.42 U	0.4 U	0.39 U
NAPHTHALENE	0.95 U	7.5	1 U	1 U	0.96 U	0.96 U	9	26	0.93 U	0.99 U	0.95 U	0.91 U
PHENANTHRENE	0.85 U	5.8 J	0.91 U	13	22	0.85 U	55	36	5.2 J	0.88 U	0.84 U	4.6 J
PYRENE	0.51 U	4.8 J	0.55 U	13	28	0.51 U	100	120	11	0.53 U	0.51 U	0.49 U

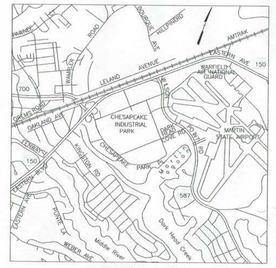
BLOCK I DATA SUMMARY

LOCATION	I-VB-1	I-VB-1	I-VB-2	I-VB-3	I-VB-4	I-VB-5	I-VS-1	I-VS-2	I-VS-3	I-VS-4	I-VS-5	I-VS-6
SAMPLE ID	I-VB-1-0-3	I-VB-1-0-3-D	I-VB-2-0-3	I-VB-3-0-3	I-VB-4-0-3	I-VB-5-0-3	I-VS-1-0-1.5	I-VS-2-0-1.5	I-VS-3-0-1.5	I-VS-4-0-1.5	I-VS-5-0-1.5	I-VS-6-0-1.5
SAMPLE DATE	12/11/2013	12/11/2013	12/9/2013	12/5/2013	12/3/2013	12/4/2013	12/12/2013	12/11/2013	12/9/2013	12/4/2013	12/4/2013	12/3/2013
PCBS (UG/KG)												
AROCLOR-1016	24 U	24 U	26 U	27 U	25 U	24 U	25 U	24 U	24 U	25 U	24 U	23 U
AROCLOR-1221	19 U	18 U	20 U	20 U	19 U	19 U	19 U	18 U	18 U	19 U	19 U	18 U
AROCLOR-1232	16 U	16 U	18 U	18 U	16 U	16 U	17 U	16 U	16 U	17 U	16 U	15 U
AROCLOR-1242	15 U	15 U	16 U	16 U	15 U	15 U	16 U	15 U	15 U	16 U	15 U	14 U
AROCLOR-1248	20 U	19 U	21 U	21 U	20 U	20 U	20 U	19 U	19 U	20 U	20 U	19 U
AROCLOR-1254	20 U	19 U	21 U	21 U	20 U	20 U	20 U	19 U	19 U	20 U	20 U	19 U
AROCLOR-1260	20 U	19 U	21 U	21 U	20 U	20 U	20 U	19 U	19 U	20 U	20 U	19 U
TOTAL AROCLOR	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U
TOTAL AROCLOR HALFND	67	65	71.5	72	67.5	67	68.5	65	65	68.5	67	63.5

APPENDIX K—UNDERGROUND SYSTEM COMPONENT AS-BUILT DRAWINGS AND BORING LOGS



0 125 250 500 feet



VICINITY MAP

SCALE: 1"=2000'

SITE DATA

1. OWNER:
   LMC PROPERTIES INC.
   100 SOUTH CHARLES STREET
   BALTIMORE, MD 21201-2725
   PROPERTY ADDRESS:
   2323 EASTERN BOULEVARD, MIDDLE RIVER, MD
2. ZONING: MH-IM, MAP NE I-3, I-4
3. NET TRACT AREA: CHESAPEAKE PARK PLAZA BLOCK I, 66.484 AC. GROSS TRACT AREA: 70.595 AC. +/-
4. TAX ACCOUNT NO. 04-15-1900014060 MAP 90 GRID 18 PARCEL 964 BLOCK I DEED REFERENCE: LIBER 4953 FOLIO 235 PLAT REFERENCE: 51/43
5. CENSUS TRACT: 4516
6. WATERSHED: 108 MIDDLE RIVER SUBWATERSHED: 134 DARKHEAD CREEK
7. SUBSEWERSHED: 82
8. NO PORTION OF THIS SITE IS LOCATED WITHIN A DESIGNATED AREA OF CRITICAL PARKING REQUIRED: 77,000 S.F. @ 3.3/1000 S.F. = 254 P.S. PARKING PROVIDED = 256 P.S.
9. THIS SITE WAS GRANTED AN A-7 LIMITED EXEMPTION OF THE DEVELOPMENT PROCESS ON 12-21-98. REFERENCE DRC #12218J.
10. THIS SITE WAS GRANTED A B-9 LIMITED EXEMPTION OF THE DEVELOPMENT PROCESS ON 5-10-99, DRC #05109E.
11. WAIVER TO THE BALTIMORE COUNTY STORMWATER MANAGMENT REGULATIONS GRANTED.
12. AVERAGE DAILY TRIPS (ADT) 77,000 S.F. @ 14/1000 S.F. OF G.F.A. = 1079 ADT's 15. BUILDING ELEVATIONS WILL BE SUBMITTED TO THE OFFICE OF PLANNING PRIOR TO ISSUANCE OF BUILDING PERMITS.

REFERENCE PLANS & DATA:

1. BACKGROUND BASEMAP AND PROPERTY LINES ARE FROM CHESAPEAKE PARK SITE PLAN - LMC PROPERTIES, INC PREPARED BY TAI CONSULTING ENGINEERS, DATED 4/15/01. BACKGROUND DATA IS NOT FIELD VERIFIED AND FOR REFERENCE ONLY.

TETRA TECH

www.tetratech.com

STATE OF MARYLAND
PETER A. HART
No. 20893
REGISTERED
PROFESSIONAL ENGINEER
6/3/13

MARK	DATE	DESCRIPTION	BY

EXISTING CONDITIONS PLAN
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	5/31/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH D
DRAWN BY:	DWM
CHECKED BY:	BD

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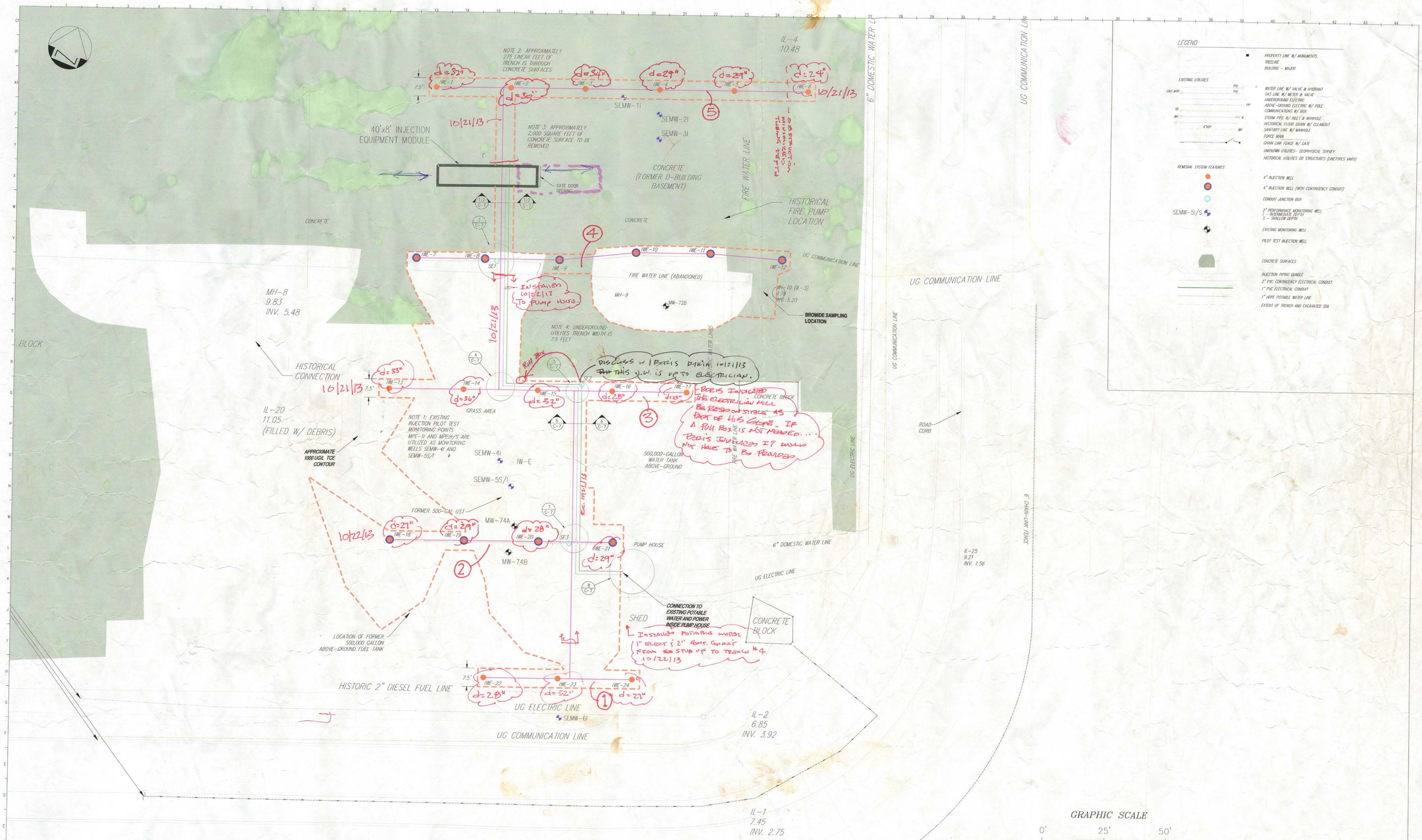
DRAWING C-1

C:\USERS\BORIS.DYNKIN\DOCUMENTS\LMC MRC\90% DESIGN\90% DRAWINGS\90% EXISTING CONDITIONS C-1.DWG DWM 5/31/13



REFERENCE PLANS & DATA:

1. UTILITY CROSS CONNECTION SURVEY PERFORMED BY TETRA TECH CREW: RAB & AN, DATED 10/6,10/10 & 10/11/2011
2. SURVEYED LOCATIONS OF UNDERGROUND ELECTRIC, WATER, COMMUNICATION LINES, ARE BASED ON GEOPHYSICAL SURVEYS CONDUCTED BY ENVIROSCAN, INC. LANCASTER, PA, AND UNKNOWN FEATURES.
3. SEWER PIPE CCTV REPORTS PREPARED BY VIDEO PIPE SERVICES, INC. DATED 9/26 & 10/12/2011
4. BLOCK G TOPOGRAPHIC SURVEY UPDATE PREPARED BY TETRA TECH CREW: RAB & AN, DATED: 06/07 & 06/08/2011
5. PRE-CONSTRUCTION SURVEY OF STORM DRAIN LINES FOR BLOCK E PREPARED BY TETRA TECH CREW: RAB & AN, DATED 08/15 & 08/16/ 2011.
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TETRA TECH
www.tetratech.com

STATE OF MARYLAND — BORIS A. DYNKIN — No. 21401 — PROFESSIONAL ENGINEER — 6/3/13

MARK	DATE	DESCRIPTION	BY

SOUTHEAST TCE AREA REMEDY LAYOUT
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	5/31/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	DWM
CHECKED BY:	BD

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DRAWING C-2

C:\USERS\BORIS.DYNKIN\DOCUMENTS\LMC MRC\90% DESIGN\90% DRAWINGS\90% SE LAYOUT.DWG DWM 5/31/13

UG ELECTRIC LINE

MODULE

ELECTRIC FEED

(39) IWW's

UG ELECTRIC LINE

UG ELECTRIC LINE

LOT 3

LOT 3

40'x8' INJECTION EQUIPMENT MODULE

GATE DOOR OPENING

UNDERGROUND ELECTRICAL SERVICE TO EXISTING PANEL APPROXIMATELY 1,000' TOTAL TRENCH DISTANCE

CB-3 10.53

ELITE: PCE ABOVE OF NEED FOR CONDUIT JCT. BOXES

HISTORICAL 14" CI SAN SEWER (OUT OF SERVICE)

BUILDING ADDITION

SANITARY SEWER LINE CONTINUES SOUTHEAST BUT TERMINUS IS UNCERTAIN

6" DOMESTIC WATER LINE

HISTORICAL STORM SEWER (NOT TRACED)

15" RCP

TCB STORM PIPE

TILLEY CHEMICAL BUILDING

TCB HW

PROPERTY LINE

POTABLE WATER CONNECTION

HISTORIC ASPHALT DRIVEWAY

GEOPHY. ANOMALY (LIKELY 4" CI SAN)

HISTORIC 14" CI SAN

APPROXIMATE 1000-YEAR TOE CONTOUR

TILLEY CHEMICAL BUILDING

PROPERTY LINE

15" RCP

CB-16 TOP 16.71 INV 14.61

CB-15 TOP 17.56 INV 14.31

NOTE 1: EXISTING INJECTION PILOT TEST MONITORING POINTS MPW-11 AND MPW-21/S ARE UTILIZED AS MONITORING WELLS SMW-3 AND MW-4S,R

JW3 PACKER SET @ 14'/10

FOOTPRINT OF FORMER SEWAGE TREATMENT PLANT

HISTORIC 8" D SAN SEWER

HISTORIC 4" STORM PIPE

CB-1 10.34 INV.7.34

CB-17 10.57 INV.7.17

FOOTPRINT OF FORMER SEWAGE TREATMENT PLANT

24" CMP

HISTORIC 12" SAN

HISTORIC 6" SAN

BROKEN SANITARY LOCATION

6" CIP STORM

25' OF TRENCH IN CONCRETE

NOTE 2: APPROXIMATELY 100 FEET OF TRENCH IS THROUGH CONCRETE SURFACES

NO. OF TRENCH IN CONCRETE

CONCRETE CONNECTION

SMW-5

MW-12A

MW-12B

6" CMP STORM

12" CMP STORM

4" CIP STORM

GS = 3.51

HISTORIC 6" TC SAN SEWER

MH FILLED W/WATER

MH FILLED W/WATER

HISTORIC 15" STORM SEWER

HISTORIC VIBRATION AND FUEL TEST BUILDING

PINK-UNKNOWN (AREA OF HISTORIC WATER LINE)

HISTORIC 4" SAN SEWER

HISTORIC WATER LINE (FIELD TRACED)

HISTORIC AERO PHYSICS LABORATORY (WIND TUNNEL)

CONT. CONDUIT DEPTH

UG ELECTRIC LINE

FH

WV

MH FILLED W/ WATER

MH FILLED W/WATER

UG COMMUNICATION LINE

UG ELECTRIC LINE

HISTORIC 6" WATER LINE (NOT TRACED)

HISTORIC 8" SANITARY

HISTORIC 7" WATER LINE

HISTORIC 6"

15.5 FT DEEP TRENCH FOR POWER CONDUIT

POWER CONNECTION AT EXISTING POWER PANEL OWNED BY FACILITY

GRAPHIC SCALE 0 80' 160'

COW PEN CREEK

GRAPHIC SCALE 0' 40' 80'

d=36" d=36" d=36" d=36" d=36" d=35" d=35" d=32" d=31" d=30" d=30" d=50" d=30" d=24" d=33" d=33" d=33" d=33" d=33" d=27" d=27" d=24" d=26" d=31" d=34" d=30" d=34"

10/17/13 10/16/13 10/15/13 10/14/13 10/14/13

NO DETAILS FOR THESE INTERSECTS?

* DEPTH TO BOTTOM OF TRENCH FROM EXIST. GRADE, PRIOR TO TOPSOIL PLACEMENT

(1) - TRENCH ID #

LEGEND

PROPERTY LINE W/ MONUMENTS
TREELINE
BUILDING – MAJOR

EXISTING UTILITIES

GAS MTR
TB
MH
6"VCP

WATER LINE W/ VALVE & HYDRANT
GAS LINE W/ METER & VALVE
UNDERGROUND ELECTRIC
ABOVE-GROUND ELECTRIC W/ POLE
COMMUNICATIONS W/ BOX
STORM PIPE W/ INLET & MANHOLE
HISTORICAL FLOOR DRAIN W/ CLEANOUT
SANITARY LINE W/ MANHOLE
FORCE MAIN
CHAIN LINK FENCE W/ GATE
UNKNOWN UTILITIES– GEOPHYSICAL SURVEY
HISTORICAL UTILITIES OR STRUCTURES (LINE TYPES VARY)

REMEDIAL SYSTEM FEATURES

SWMW-5I/S

4" INJECTION WELL
4" INJECTION WELL (WITH CONTINGENCY CONDUIT)
CONDUIT JUNCTION BOX
2" PERFORMANCE MONITORING WELL
I – INTERMEDIATE DEPTH
S – SHALLOW DEPTH
EXISTING MONITORING WELL
PILOT TEST INJECTION WELL
CONCRETE SURFACES
INJECTION PIPING BUNDLE
2" PVC CONTINGENCY ELECTRICAL CONDUIT
1" PVC ELECTRICAL CONDUIT
1" HDPE POTABLE WATER LINE
EXTENT OF TRENCH AND EXCAVATED SOIL

REFERENCE PLANS & DATA:

1. UTILITY CROSS CONNECTION SURVEY PERFORMED BY TETRA TECH CREW: RAB & AN, DATED 10/6,10/10 & 10/11/2011
2. SURVEYED LOCATIONS OF UNDERGROUND ELECTRIC, WATER, COMMUNICATION LINES, ARE BASED ON GEOPHYSICAL SURVEYS CONDUCTED BY ENVIROSCAN, INC. LANCASTER, PA, AND UNKNOWN FEATURES.
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6. BACKGROUND BASEMAP AND PROPERTY LINES ARE FROM CHESAPEAKE PARK SITE PLAN - LMC PROPERTIES, INC PREPARED BY TAI CONSULTING ENGINEERS, DATED 4/15/01. BACKGROUND DATA IS NOT FIELD VERIFIED AND FOR REFERENCE ONLY.

TETRA TECH
www.tetratech.com

STATE OF MARYLAND — BORIS A. DYNKIN — NO. 22302 — REGISTERED PROFESSIONAL ENGINEER — 6/31/13

MARK	DATE	DESCRIPTION	BY

SOUTHWEST TCE AREA REMEDY LAYOUT
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	5/31/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	DWM
CHECKED BY:	B

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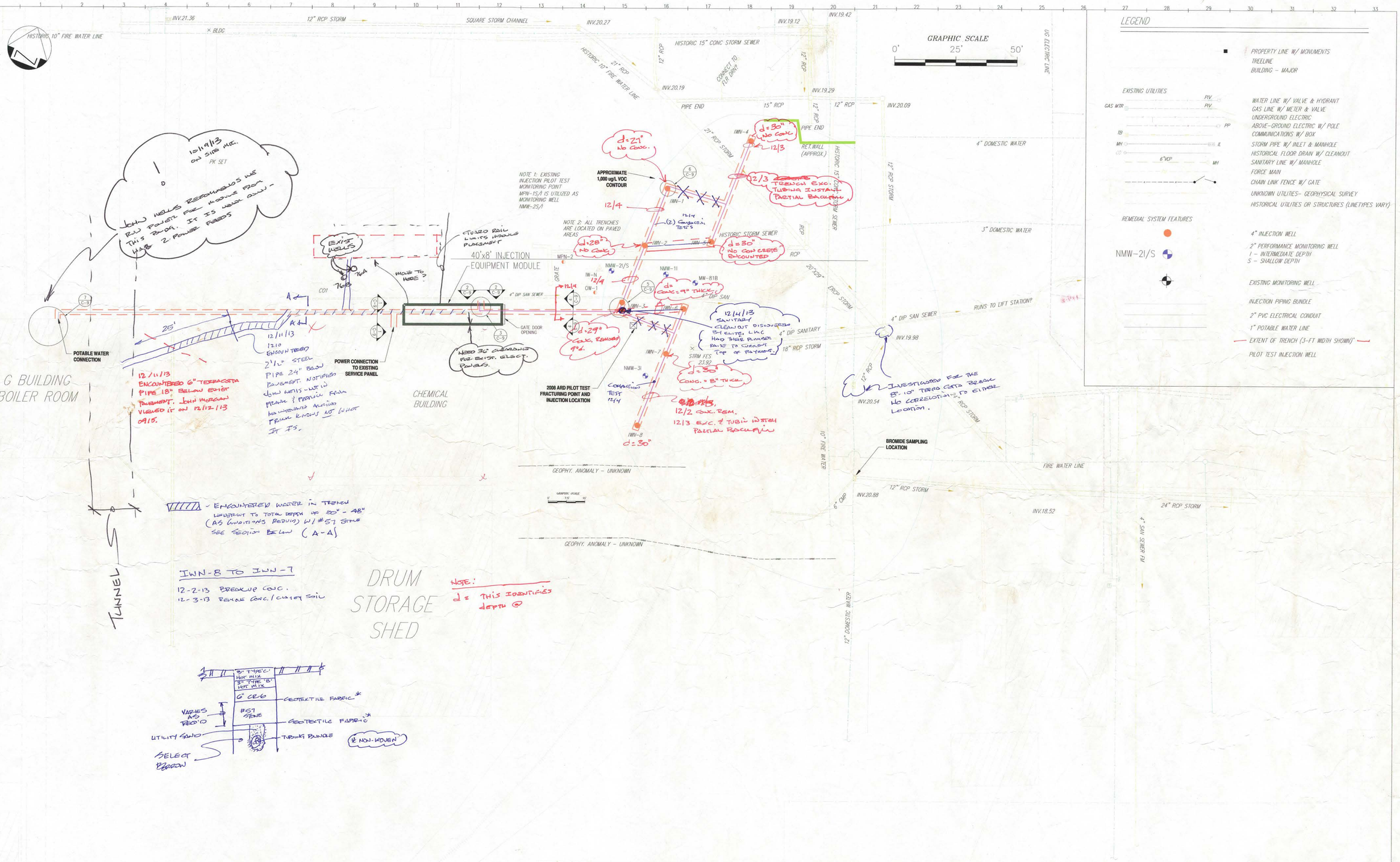

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TETRA TECH
www.tetratech.com

STATE OF MARYLAND — ROBERT A. BEY — No. 21663 — REGISTERED PROFESSIONAL ENGINEER — 6/5/13

MARK	DATE	DESCRIPTION	BY

NORTH TCE AREA REMEDY LAYOUT
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	5/31/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	DWM
CHECKED BY:	BD

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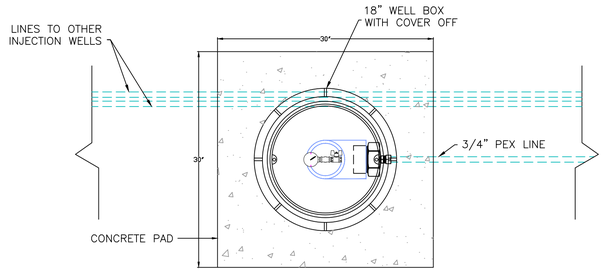
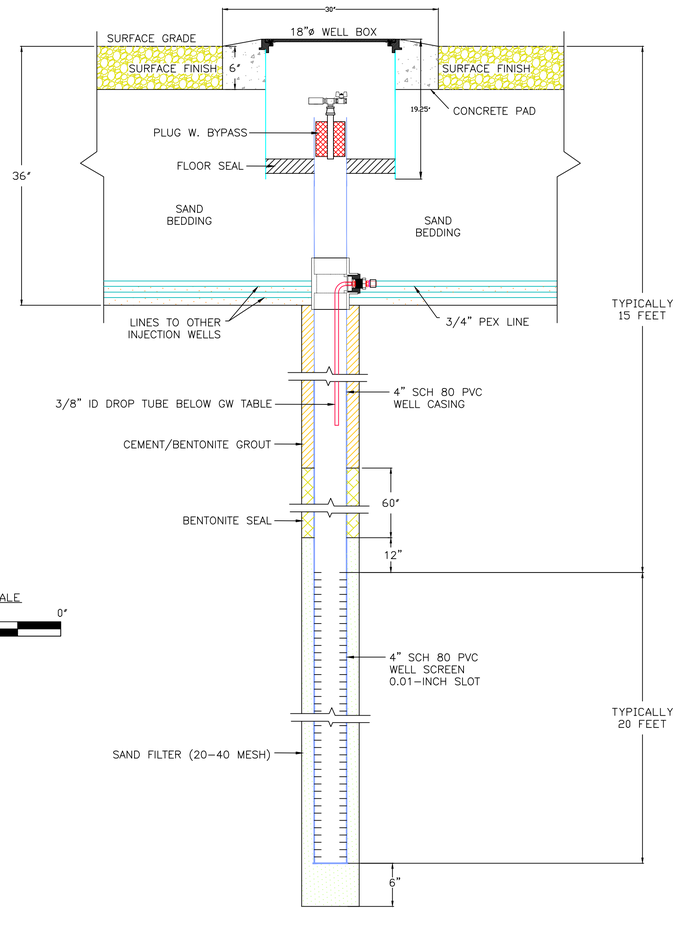


INJECTION WELL PLAN VIEW (TYPICAL)



INJECTION WELL SIDE VIEW (TYPICAL)

DRAWING SCALE
0' 12' 0'

NOTES:

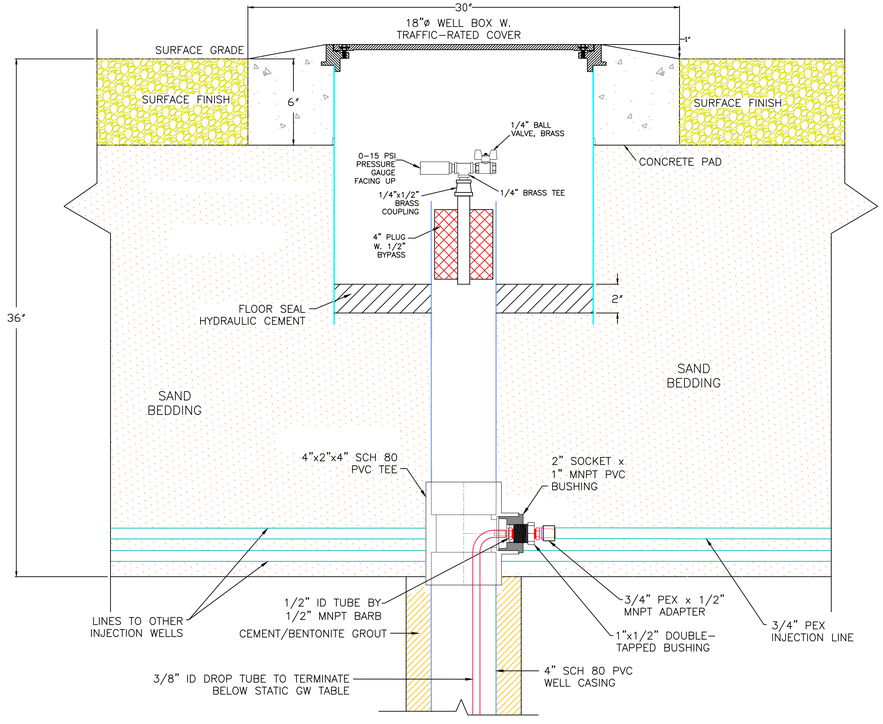
1. TRENCH WIDTH VARIES IN DIFFERENT AREAS. TYPICAL TRENCH WIDTHS ARE 7.5 FEET IN SOUTHWEST AND SOUTHEAST TCE AREAS AND 2 FEET IN NORTH TCE AREA. REFER TO DRAWINGS C-2, C-3, C-4, C-7, C-8, C-9 FOR TRENCH WIDTH DETAILS.

2. INJECTION LINES AND PIPES IN THE TRENCH ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO DRAWINGS C-2, C-3, C-4, C-7, C-8, C-9 FOR PIPING ARRANGEMENT IN TRENCHES.

3. TYPICAL INJECTION WELL FOR NO TRAFFIC AREAS AND WITHOUT CONTINGENCY POWER CONNECTIONS IS SHOWN ON THIS DRAWING.

4. SURFACE FINISH:
a) CRUSHED STONE IN CONCRETE AREAS TO MATCH CONCRETE THICKNESS;
b) MINIMUM 6" OF TOP SOIL AND RE-SEED IN LAWN AREAS;
c) ASPHALT PAVEMENT IN PAVED AREAS TO MATCH EXISTING SURFACE.

5. TRENCHES IN SOUTHEAST AND SOUTHWEST TCE AREAS SHALL BE 7.5 FEET IN WIDTH IN SAND BACKFILL INSTALLED BY PRE-REMEDIAL SOIL EXCAVATION WORK. TRENCHES IN NORTH TCE AREA VARY BETWEEN 1.5 AND 2.5 FEET IN WIDTH EXCAVATED IN EXISTING SOILS AND SHALL BE BACKFILLED WITH SAND BACKFILL.



**INJECTION WELLHEAD
SIDE VIEW DETAIL (TYPICAL)**

DRAWING SCALE
0" 6" 0"

TETRA TECH
www.tetratech.com

MARK	DATE	DESCRIPTION	BY

TYPICAL INJECTION WELL (NO CONDUIT)
GROUNDWATER REMEDIAL DESIGN - AS-BUILT

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	6/30/14
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH D
DRAWN BY:	BD
CHECKED BY:	CP

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DRAWING C-5

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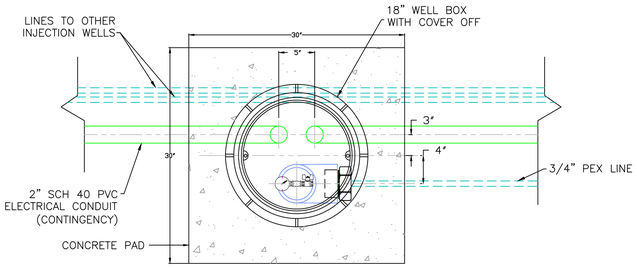


INJECTION WELL PLAN VIEW (TYPICAL)

NOTES:

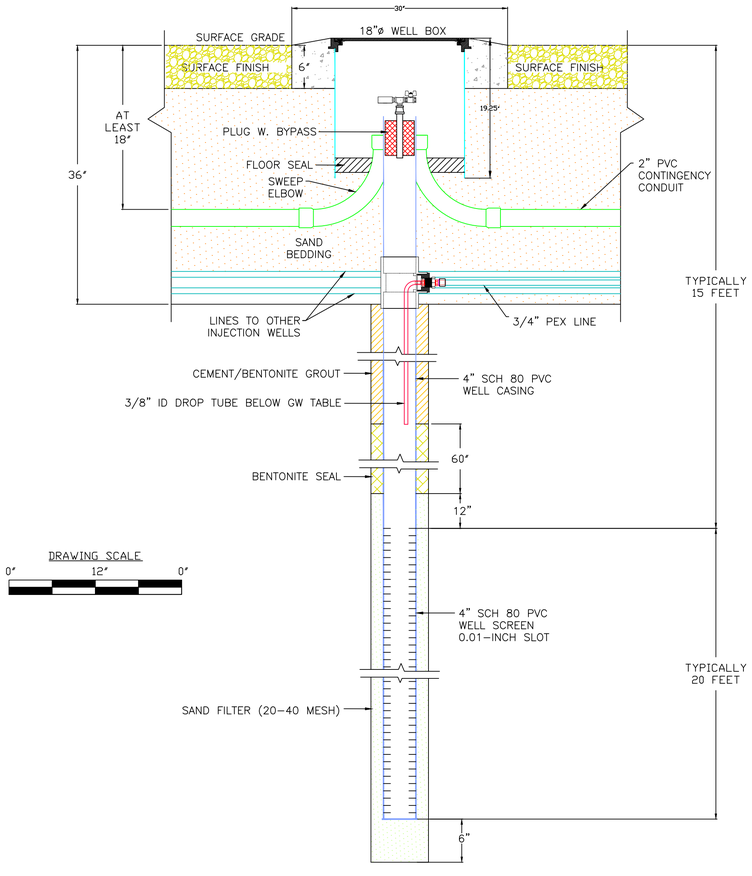
1. TRENCH WIDTH VARIES IN DIFFERENT AREAS. TYPICAL TRENCH WIDTHS ARE 7.5 FEET IN SOUTHWEST AND SOUTHEAST TCE AREAS AND 2 FEET IN NORTH TCE AREA. REFER TO DRAWINGS C-2, C-3, C-4, C-7, C-8, C-9 FOR TRENCH WIDTH DETAILS.

2. INJECTION LINES AND PIPES IN THE TRENCH ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO DRAWINGS C-2, C-3, C-4, C-7, C-8, C-9 FOR PIPING ARRANGEMENT IN TRENCHES.

3. TYPICAL INJECTION WELL FOR TRAFFIC AREAS AND WITH CONTINGENCY POWER CONNECTIONS IS SHOWN ON THIS DRAWING.

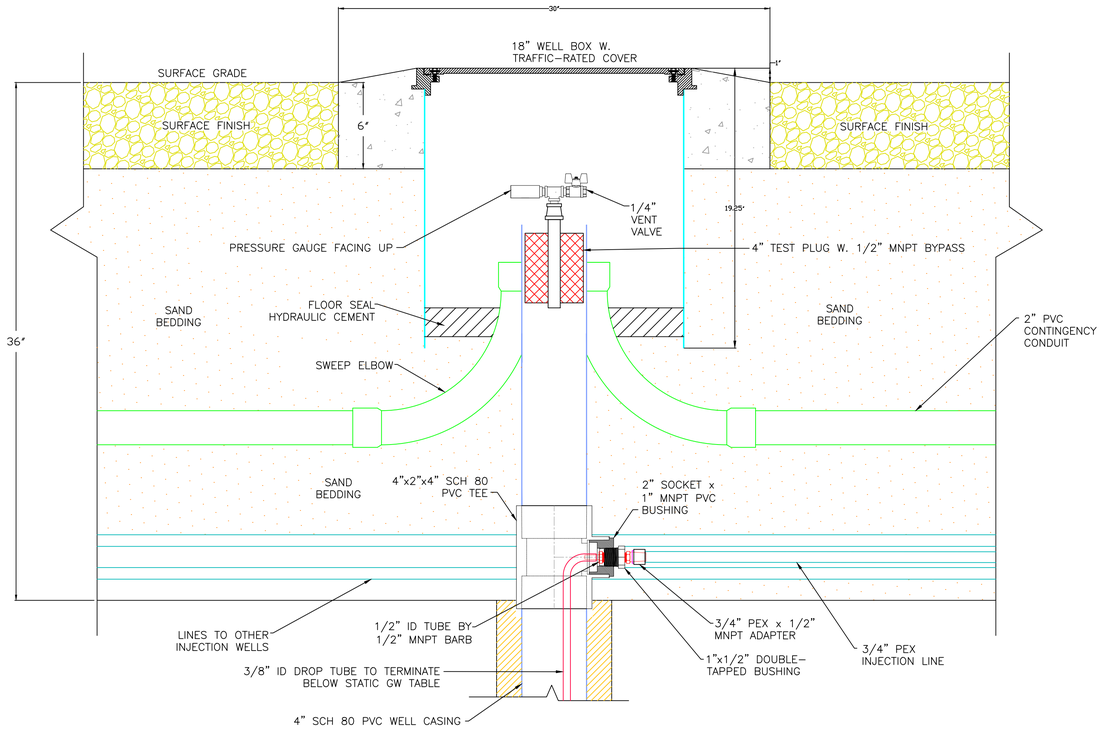
4. SURFACE FINISH:
a) CRUSHED STONE IN CONCRETE AREAS TO MATCH CONCRETE THICKNESS;
b) MINIMUM 6" OF TOP SOIL AND RE-SEED IN LAWN AREAS;
c) ASPHALT PAVEMENT IN PAVED AREAS TO MATCH EXISTING SURFACE.

5. TRENCHES IN SOUTHEAST AND SOUTHWEST TCE AREAS SHALL BE 7.5 FEET IN WIDTH IN SAND BACKFILL INSTALLED BY PRE-REMEDIAL SOIL EXCAVATION WORK. TRENCHES IN NORTH TCE AREA VARY BETWEEN 1.5 AND 2.5 FEET IN WIDTH EXCAVATED IN EXISTING SOILS AND SHALL BE BACKFILLED WITH SAND BACKFILL.



DRAWING SCALE
0" 12" 0"

INJECTION WELL SIDE VIEW (TYPICAL)



DRAWING SCALE
0" 6" 0"

INJECTION WELLHEAD SIDE VIEW DETAIL (TYPICAL)

TETRA TECH
www.tetratech.com

MARK	DATE	DESCRIPTION	BY

TYPICAL INJECTION WELL (WITH CONDUIT)
GROUNDWATER REMEDIAL DESIGN - AS-BUILT

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	6/30/14
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	BD
CHECKED BY:	CP

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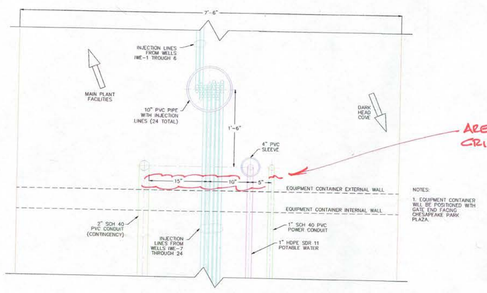
DRAWING C-6

C:\USERS\BOBIS.RYNKIND\DOCUMENTS\LMC_MRC\90X_DESIGN\AS-BUILT DRAWINGS\INJECTION_WELL_ASBUILT.DWG DVM 6/30/14



ARE DIMENSIONS CRITICAL?

1 C-2 **UTILITIES STUB-OUT PLAN**

GENERAL NOTES FOR UNDERGROUND UTILITY TRENCHES IN SOUTHEAST AREA:

1. 3" DETECTABLE RED WARNING TAPE WITH ALUMINUM BACKING SHALL BE PLACED IN ALL TRENCHES WITH UNDERGROUND ELECTRICAL CONDUIT.

2. 3" DETECTABLE BLUE WARNING TAPE WITH ALUMINUM BACKING TAPE SHALL BE PLACED IN ALL TRENCHES WITH UNDERGROUND POTABLE WATER LINES AND INJECTION LINES.

3. 3" DETECTABLE BLUE WARNING TAPE WITH ALUMINUM BACKING TAPE SHALL BE PLACED ON EACH SIDE OF EXCAVATION DURING PRE-REMEDIATION SOIL EXCAVATION ACTIVITIES.

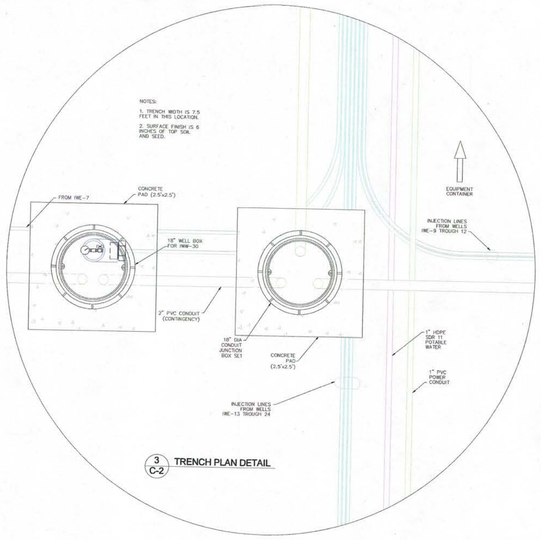
4. WARNING TAPE SHALL BE PLACED IN TRENCHES AT 12 INCHES DEPTH.

5. ALL UNDERGROUND ELECTRICAL CONDUIT SHALL BE SCH 40 PVC PIPE, GRAY, WITH BELLED END.

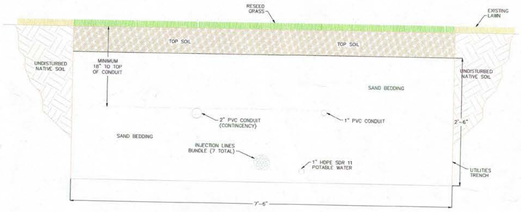
6. ELECTRICAL CONDUIT BURIAL DEPTH SHALL BE AT LEAST 18 INCHES TO TOP OF CONDUIT.

7. SAND BEDDING SHALL BE USED FOR TRENCH BACKFILL

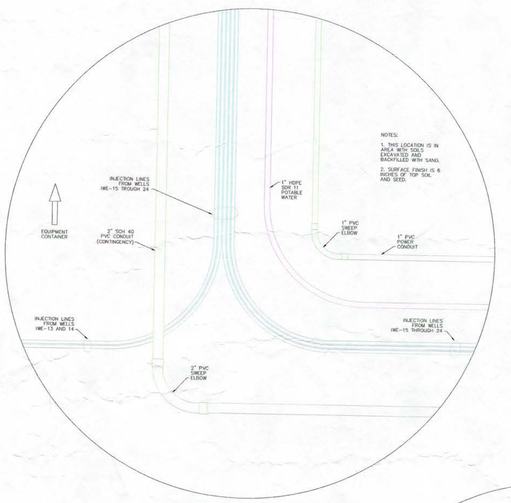
8. CONDUIT JUNCTION BOXES (SE1, SE2, SE3) ARE THE SAME TYPE AS 18"ø MANHOLES USED FOR INJECTION WELLS.



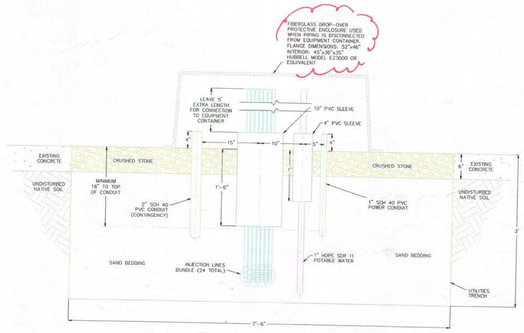
3 C-2 **TRENCH PLAN DETAIL**



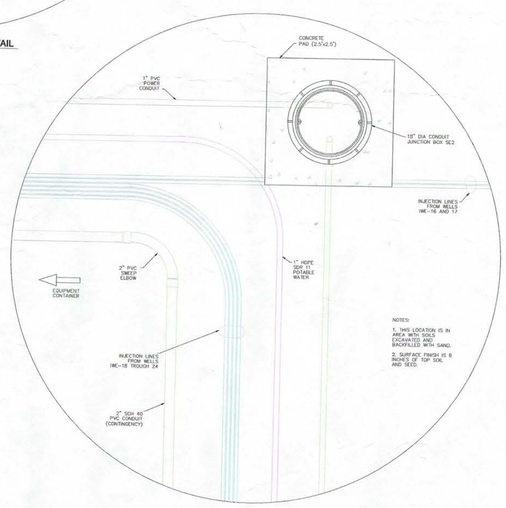
6 C-2 **TRENCH SECTION DETAIL**



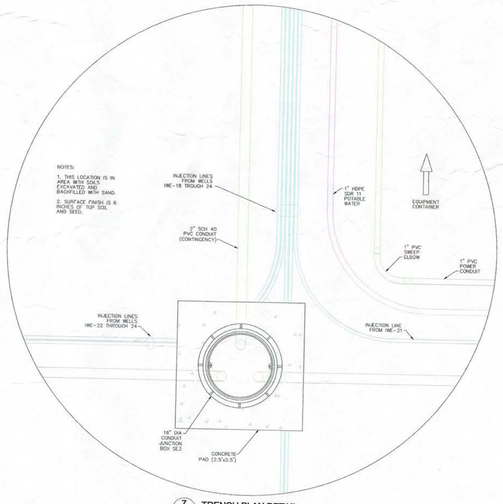
4 C-2 **TRENCH PLAN DETAIL**



2 C-2 **TRENCH SECTION DETAIL**

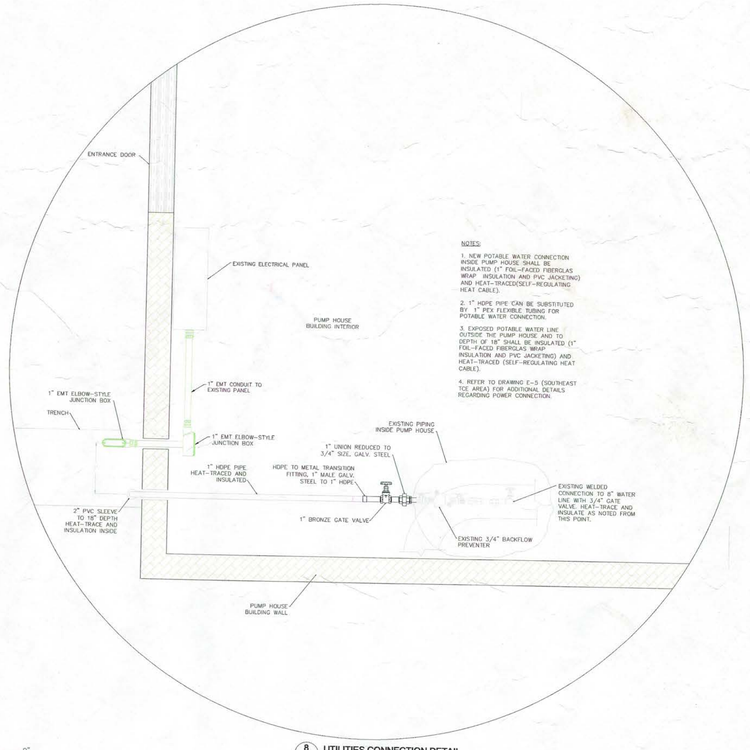


5 C-2 **TRENCH PLAN DETAIL**



7 C-2 **TRENCH PLAN DETAIL**

DRAWING SCALE
0" 12" 24" 12" 0"



8 C-2 **UTILITIES CONNECTION DETAIL**

TETRA TECH
www.tetratech.com

STATE OF MARYLAND — REGINA A. RUNY — No. 21605 — PROFESSIONAL ENGINEER — 6/31/13

MARK	DATE	DESCRIPTION	BY

SOUTHEAST TCE AREA CONSTRUCTION DETAILS
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	5/31/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	BD
CHECKED BY:	CP

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DRAWING C-7

C:\USERS\BORIS.DYNKIN\DOCUMENTS\LMC MRC\90% DESIGN\90% DRAWINGS\90% TRENCH DETAILS.DWG DWM 5/31/13

GENERAL NOTES FOR UNDERGROUND UTILITY TRENCHES IN SOUTHWEST AREA:

1. 3" DETECTABLE RED WARNING TAPE WITH ALUMINUM BACKING SHALL BE PLACED IN ALL TRENCHES WITH UNDERGROUND ELECTRICAL CONDUIT.

2. 3" DETECTABLE BLUE WARNING TAPE WITH ALUMINUM BACKING TAPE SHALL BE PLACED IN ALL TRENCHES WITH UNDERGROUND POTABLE WATER LINES AND INJECTION LINES.

3. 3" DETECTABLE BLUE WARNING TAPE WITH ALUMINUM BACKING TAPE SHALL BE PLACED ON EACH SIDE OF EXCAVATION DURING PRE-REMEDIATION SOIL EXCAVATION ACTIVITIES.

4. WARNING TAPE SHALL BE PLACED IN TRENCHES AT 12 INCHES DEPTH.

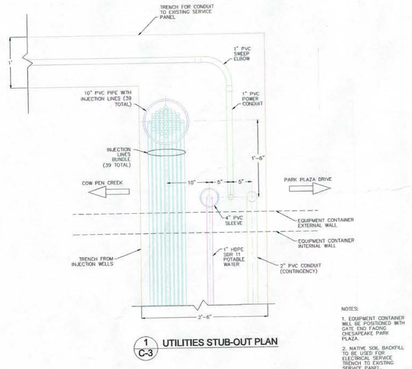
5. ALL UNDERGROUND ELECTRICAL CONDUIT SHALL BE SCH 40 PVC PIPE, GRAY, WITH BELLED END.

6. ELECTRICAL CONDUIT BURIAL DEPTH SHALL BE AT LEAST 18 INCHES TO TOP OF CONDUIT.

7. SAND BEDDING SHALL BE USED FOR TRENCH BACKFILL EXCEPT FOR ELECTRICAL CONDUIT TRENCH FROM EQUIPMENT CONTAINER TO POWER SOURCE.

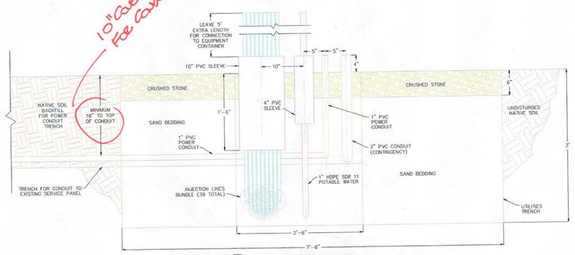
* 8. CONDUIT JUNCTION BOXES (SE1, SE2, SE3) ARE THE SAME TYPE AS 18"Ø MANHOLES USED FOR INJECTION WELLS..

10" Code for cover.

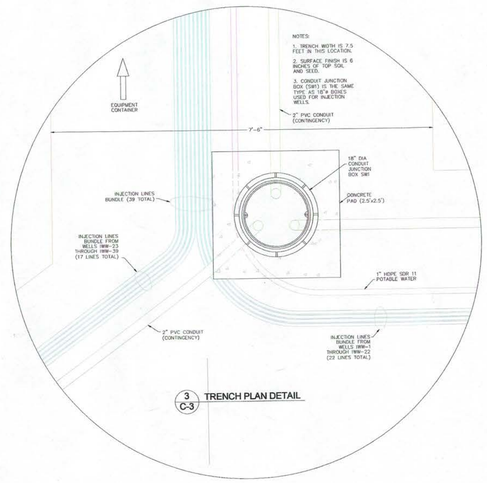


1 C-3 UTILITIES STUB-OUT PLAN

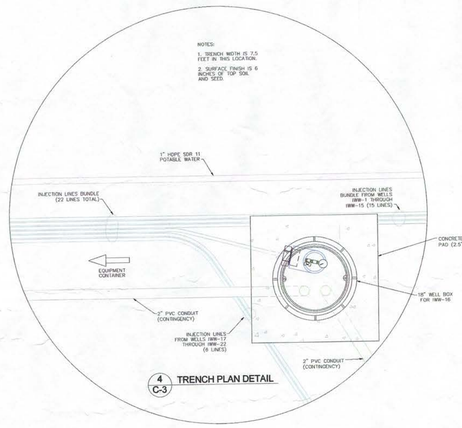
NOTES:
1. EQUIPMENT CONTAINER TO BE POSITIONED WITH GATE END FACING CHESAPEAKE PARK PLAZA.
2. NATIVE SOIL BACKFILL FOR POWER CONDUIT ELECTRICAL SERVICE TRENCH TO EXISTING SERVICE PANEL.



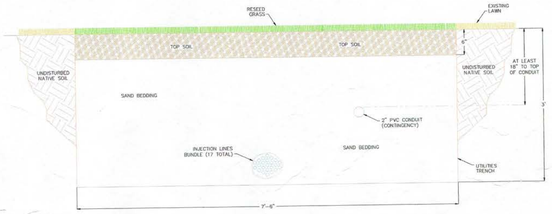
2 C-3 TRENCH SECTION DETAIL



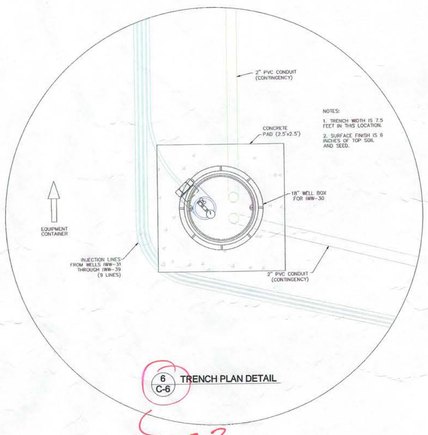
3 C-3 TRENCH PLAN DETAIL



4 C-3 TRENCH PLAN DETAIL

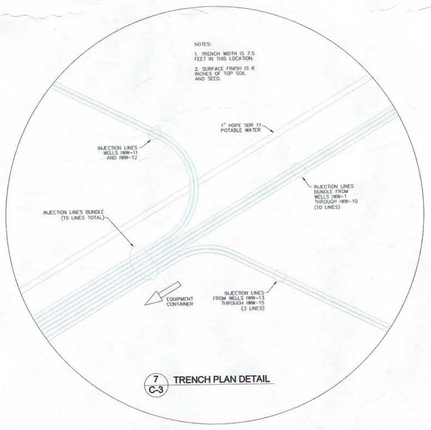


5 C-3 TRENCH SECTION DETAIL

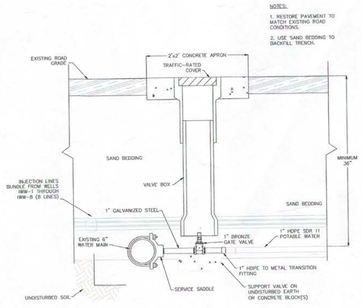


6 C-6 TRENCH PLAN DETAIL

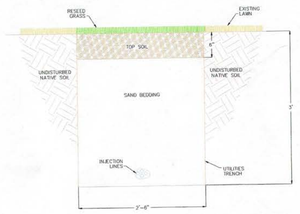
C-3?



7 C-3 TRENCH PLAN DETAIL



8 C-3 WATER TIE-IN DETAIL



9 C-3 TRENCH SECTION DETAIL



10 C-3 TRENCH SECTION DETAIL

DRAWING SCALE
0" 12" 24" 12" 0"

TETRA TECH
www.tetratech.com

STATE OF MARYLAND — BORIS A. DYNKIN — NO. 21605 — PROFESSIONAL ENGINEER — 6/5/13

MARK	DATE	DESCRIPTION	BY

SOUTHWEST TCE AREA CONSTRUCTION DETAILS
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	5/31/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	BD
CHECKED BY:	CP

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DRAWING C-8

C:\USERS\BORIS.DYNKIN\DOCUMENTS\LMC MRC\90% DESIGN\90% DRAWINGS\90% TRENCH DETAILS.DWG DWM 5/31/13

GENERAL NOTES FOR UNDERGROUND UTILITY TRENCHES IN NORTH AREA:

1. 3" DETECTABLE RED WARNING TAPE WITH ALUMINUM BACKING SHALL BE PLACED IN ALL TRENCHES WITH UNDERGROUND ELECTRICAL CONDUIT.

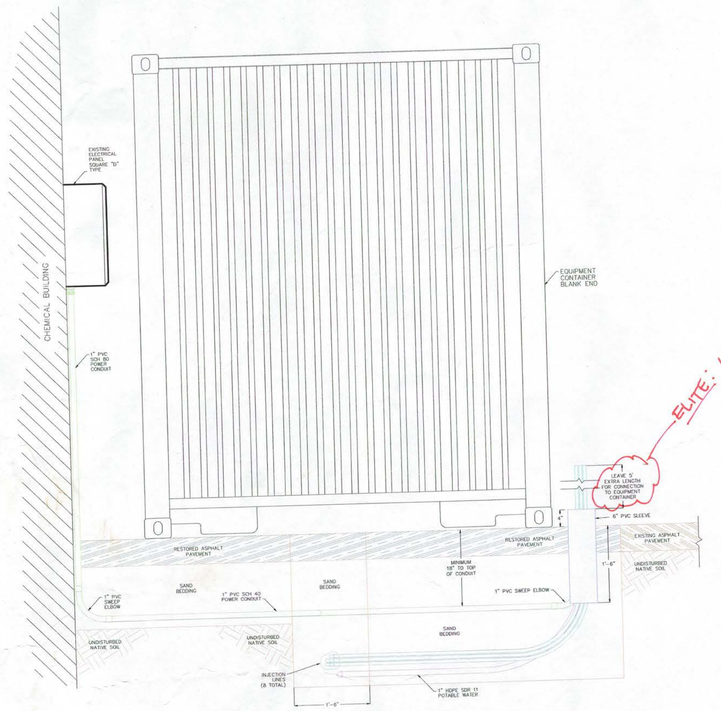
2. 3" DETECTABLE BLUE WARNING TAPE WITH ALUMINUM BACKING TAPE SHALL BE PLACED IN ALL TRENCHES WITH UNDERGROUND POTABLE WATER LINES AND INJECTION LINES.

3. WARNING TAPE SHALL BE PLACED IN TRENCHES AT 12 INCHES DEPTH.

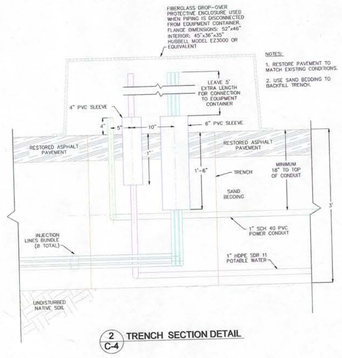
4. ALL UNDERGROUND ELECTRICAL CONDUIT SHALL BE SCH 40 PVC PIPE, GRAY, WITH BELLED END.

5. ELECTRICAL CONDUIT BURIAL DEPTH SHALL BE AT LEAST 18 INCHES TO TOP OF CONDUIT.

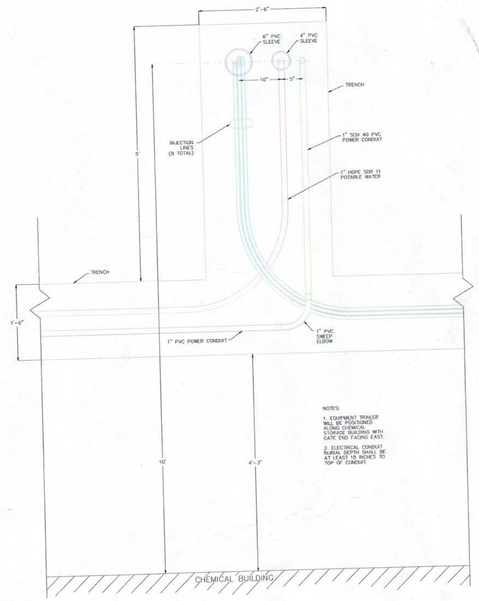
6. SAND BEDDING SHALL BE USED FOR TRENCH BACKFILL.



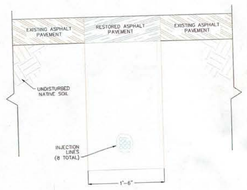
1 C-4 TRENCH SECTION DETAIL



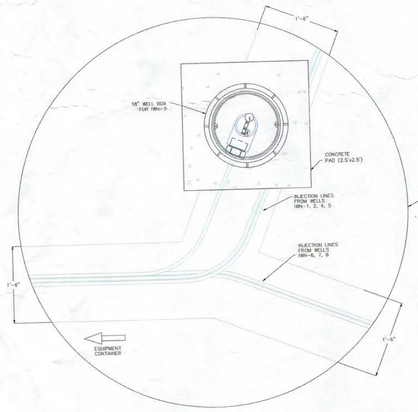
2 C-4 TRENCH SECTION DETAIL



3 C-4 UTILITIES STUB-OUT PLAN

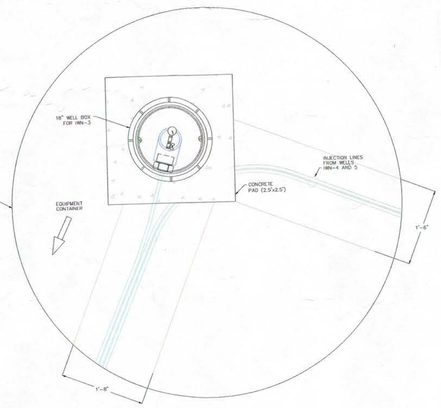


4 C-2 TRENCH SECTION DETAIL

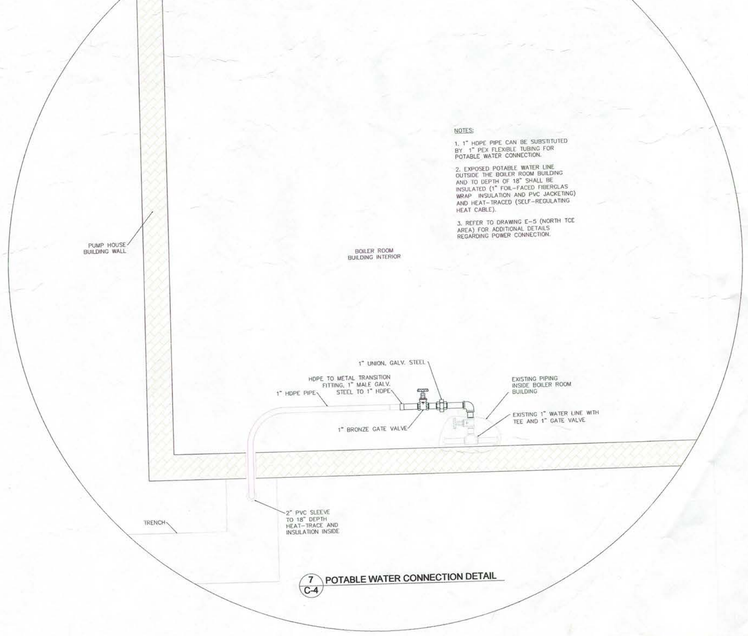


5 C-4 TRENCH PLAN DETAIL

NOTES:
1. TRENCH WIDTH IS 1.0 FEET IN THIS LOCATION.
2. RESTORE ASPHALT PAVEMENT TO MATCH EXISTING CONDITIONS.
3. USE SAND BEDDING TO BACKFILL TRENCH.



6 C-4 TRENCH PLAN DETAIL



7 C-4 POTABLE WATER CONNECTION DETAIL

DRAWING SCALE
0" 12" 24" 12" 0"

TETRA TECH
www.tetratech.com

STATE OF MARYLAND — JOSHUA BOIS — No. 21437 — REGISTERED PROFESSIONAL ENGINEER

MARK	DATE	DESCRIPTION	BY

NORTH TCE AREA CONSTRUCTION DETAILS
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	5/31/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	BD
CHECKED BY:	CP

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DRAWING C-9

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Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-1
DATE: 8/28/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0								5.6				
							gray gravel sand fill, wet, low plasticity	GP	10.1				
							red brown silty clay						
	5						dry friable red brown, white silty clay, dry friable		10.8				
							red brown silty clay, slight moisture, stiff low plasticity		13.6				
							same as above w slight moisture						
							red brown silty clay very slight moisture low plasticity	CL	5.6				
	10								8.2				
									20.6				
							clayey silt, red brown, slight moisture, low plasticity	ML	6.7				
	15						red brown silty clay, very slight moisture, low plasticity	CL					
							red brown clayey sandy silt, slight moisture low plasticity	ML	11.4				
									3.8				
							red brown silty sand, soft, wet, low plasticity		2.4				
	20						clay lenses @ 24'	SM					
									25				
	25								2.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.3 - 6.7

Remarks: High humidity & condensation in sample bags Affected PID readings - reading > 10ppm are suspect

Converted to Well: Yes Y No _____ Well I.D. #: IWE-1

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-1
DATE: 8/28/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sandy soft, wet, low plasticity	SM	2.2				
							red silty clay, stiff, dry friable		12.4				
									13.6				
	30						yellow, brown, red white silty clay,						
							dry, stiff, friable	CL	6.2				
									5.1				
	35								4.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: High humidity & condensation in sample bags
Affected PID readings - readings > 10 ppm suspect

Drilling Area Background (ppm): 0.3 - 0.7

Converted to Well: Yes X No ____ Well I.D. #: IWE-1

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-2
DATE: 8/28/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gravel sand to gravel f.ll, wet, low plasticity	GP					
	5						red brown silty clay V. slight moisture stiff low plasticity	CL					
	10						red brown silty sand to sandy silt, moist w some clay mod stiff, low-mod plasticity	ML/SM					
	15						red brown silty sand, soft, wet w 2" clay balls @ 18'-20'	SM					
	20						red brown green brn silty clay w sand, v. slight moisture, low plasticity	CL					
							red brown clay, stiff dry, low plasticity						
	25						red brown silty sand, soft, wet, low plastic.	SM					

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 1.1

Remarks:

Converted to Well: Yes X No ____ Well I.D. #: IWE-2

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-2
DATE: 8/28/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown soft, wet, slow plasticity	SM					
							red, brown, yellow purple silty clay w/ sand, stiff very slight moisture low plasticity	CL					
							red brown clay dry, hard, friable low plasticity						
	30						red brown silty sand soft, wet, low plasticity	SM					
							red brown, yellow silty clay moist to slightly moist mod. plasticity						
							brown yellow white clay, hard, friable	CL					
							~~dry~~ dry low plasticity						
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 1.1

Converted to Well: Yes X No Well I.D. #: IWE-2

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-3
DATE: 8/27/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray sand to gravel fill slightly moist low plasticity	GP	4.2				
									5.1				
							red brown silty sand, stiff slightly moist, low plastic	SM					
	5						red brown yellow, clay to silty clay, stiff, v. slight moisture	CL	4.6				
							Change to red brown silty sand, soft moist low plasticity	SM					
							red brown silty sand		5.4				
							slightly moist, stiff low plasticity	SM					
									6.0				
	10						red brown silty clay stiff, v. slight moisture low plasticity	CL					
							red brown silty sand, soft, wet, low plasticity		1.9				
							red brown & green silty sand to sandy silt, stiff, v. slight moisture to slightly moist, low plasticity		4.8				
	15								5.6				
							red brown silty sand, soft moist low plasticity	SM	5.7				
							red brown silty sand to sandy silt, v. slight moisture to slightly moist, stiff low plasticity		3.0				
	20												
							red brown silty sand, soft, wet, low plasticity		1.9				
									3.8				
	25								4.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-3

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04269
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-3
DATE: 8/28/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sand soft, wet, low plasticity	SM	4.3				
									3.7				
							red brown green sandy silty clay, stiff, moist low plasticity	ML					
									4.5				
	38						red brown green silty clay stiff, V. slight moisture, low plasticity						
							Brown, red, purple white clay, friable dry, low plasticity	CL	3.8				
									3.6				
	35								2.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.1

Converted to Well: Yes X No _____ Well I.D. #: ~~IWE-3~~ IWE-3

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-4
DATE: 8/27/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Gray sandy gravel f-f, moist low plasticity	GP	3.0				
									5.2				
							red brown silty clay dense V. slight moisture low plasticity	CL					
	5						red, brown, yellow, gray, clayey silty clay, V. slight moisture low plasticity	CL	10.7				
							red brown, dense silty clay, V. slight moisture low plasticity	CL	6.1				
							red brown silty sand, soft, moist, low plasticity	SP SM	5.8				
	10						brown silty sand, soft moist, low plasticity	SP SM					
							red brown sandy clayey silt, V. slight moisture, stiff, low plasticity	ML	19.6				
							red brown silty sand, soft moist, low plasticity	SM					
							red brown silty clay		9.6				
							stiff, very slight moisture, low plasticity	CL					
	15								* 44.4				
							red brown, silty clayey sand, slightly plastic, slight moisture	ML					
									8.4				
									6.7				
	20						red brown silty sand, mostly soft, wet, low plasticity	SM					
									2.0				
									2.1				
	25								2.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * high reading likely due to condensation

Drilling Area Background (ppm): 0.1

Converted to Well: Yes X No _____ Well I.D. #: IWE-4

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-4
DATE: 8/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sand, mostly soft, wet, low plasticity	SM	2.0				
							red brown sandy clay mod plastic, moist to slightly moist (wash it)	CL	3.2				
	30								2.1				
							orange red purple clay to silty clay, stiff, very slight moisture, low plasticity	CL	1.2				
							orange red purple clay to silty clay, friable, very dry, low plasticity	CL	2.2				
	35								1.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-4

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112C04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-5
DATE: 8/26/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray sand to gravel fill,	GP	2.2				
							slightly moist low plasticity	GM	40.9				
	5						Brown to red brown w/ gray mottling,		37.1				
							silty clay, very slight moisture, low plasticity	CL	8.9				
									15.9				
	10						red brown silty to clayey sand, slightly moist to moist, low plasticity stiff	SM SC	11.7				
									30.1				
							red brown silty sand, wet, low plasticity stiff	SM	201*				
	15								61.4				
							red brown silty coarse sandy wet, low plasticity, soft	SM	175*				
	20								160*				
									38				
	25								7.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * moisture in bag likely caused high reading

Drilling Area Background (ppm): 0.3

Converted to Well: Yes X No _____ Well I.D. #: IWE-5

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-5
DATE: 8/26/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								7.5				
							red brown silty		3.8				
							coarse sand wet low plasticity, soft	SM					
									9.1				
	30												
									3.5				
							Brown, red, purple						
							white, silty clay,		7.1				
							very slight moisture low plasticity,	CL					
	35						stiff		2.7				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-5

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-6
DATE: 8/26/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray sand to gravel Fill, moist, low plasticity	GW	1.2				
							Brown clayey sand w/ gravel, slightly moist low plasticity	SC	661				
	5								734				
							Brown to red brown silty clay, very slight moisture, low plasticity, mod. sorted	CL	77.4				
									324				
	10								68				
							red brown sandy silt, low plasticity, moisture, very slight		44.5				
	15						red brown, silty clay very slight moisture low plasticity		46.3				
									94.6				
							red brown silty sand moist low plasticity	SC SW-SM	35.3				
	20								37.2				
							Brown to red brown, silty sand, wet, low plasticity	SP SM	44.8				
	25								30.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.3

Remarks:

Converted to Well: Yes X No Well I.D. #: IWE-6

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-6
DATE: 8/26/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								30.2				
							Brown to red brown silty sand, wet, low plasticity	SM	31.5				
									27.9				
	30												
									28.2				
							red brown clayey sand, wet, low plasticity	SP SC	ESU/SC 36.1				
							red brown purple white silty clay, v. slight moisture, low plasticity	CL	81.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.3

Remarks:

Converted to Well: Yes X No Well I.D. #: IWE-6

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-13
DATE: 9/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0												
							Gray gravel sand mix, slightly moist, low plasticity	GM	0.9				
									2.2				
							red brown silty clay friable, dry low plasticity						
	5								2.7				
								CL	1.6				
							red brown w/some gray silty clay, v. slight moisture, low plasticity		2.8				
	10												
									2.1				
							pink/gray silty sand, soft, wet, low plasticity	SM					
							orange purple gray clayey sand moist, mod plasticity	SC					
							gray silty sand w/ clay, soft wet low plasticity	SM	3.6				
							red brown gray silty clay v. slightly moist, stiff low plasticity	CL					
	15								2.0				
							red brown silty sand, moist soft low plasticity	SM					
							red brown silty clay v. slightly moist, stiff, low plasticity	CL	1.5				
							red brown clayey sand to sandy clay, moist mod soft, low to mod plasticity	SC/ML	1.6				
	20												
									1.8				
							red brown silty sand, wet soft, low plasticity	SM	1.4				
							red brown clayey sand to sandy clay moist w/ rock to 25.5'	SC-ML					
	25								2.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No ____ Well I.D. #: IWE-13

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-13
DATE: 9/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						see prev. page		2.3				
							red brown yellow silty clay, v. slight moisture, stiff low plasticity		1.4				
							red brown yellow silty clay, dry friable, stiff low plasticity		2.2				
	30							CL					
							red brown yellow silty clay, v. slight moisture, stiff low plasticity		1.3				
									1.7				
	35								1.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWE-13

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-14
DATE: 9/7/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gravel sand mix,		1.2				
							slightly moist, low plasticity	GM					
									7.2				
	5						red brown silty clay		9.1				
							H. TAN color @ 4', gravel & some sand @ 3'-3.5'						
							V. slight moisture low plasticity	CL	6.9				
									10.2				
	10												
							TAN, gray, purple silty		10.7 BKG				
							sandy clay, slight moisture slight to med plasticity	MH					
							red brown silty clay		9.4 BKG				
							very slight moisture, stiff, low plasticity	CL					
	15								11.5 BKG				
							red brown silty sand moist soft low plasticity	SM	11.6 BKG				
							red brown, clayey sand to sandy clay, moist to slightly moist, med soft low plasticity	SC/ ML	5.4 BKG				
	20												
									1.4				
							red brown silty sand, soft, wet low plasticity	SM	2.9				
	25								2.8				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0-2

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-14

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-14
DATE: 9/7/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sand, soft, wet	SM	2.8				
							red brown sandy clay, moist mod soft, mod plasticity	ML	1.9				
							red brown clayey sand, wet, mod soft, lo plasticity	SC					
							red brown sandy silty clay, slightly moist, mod high plasticity	MH	3.0				
	30												
							red brown yellow purple		1.4				
								CL					
									1.8				
	35								2.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.2

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-14

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112CC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-15
DATE: 9/7/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray gravel sand mix slight moisture, low plasticity	GM	0.7				
							Brown sandy silt, v. slight moisture, stiff, low plasticity	ML	*21.2				
							red brown sandy silt very slight moisture, stiff low plasticity	ML					
	5						Brown sandy silt, very slight moisture stiff, low plasticity	ML	*90.9				
							red brown sandy silt to silty sand, moist	SM/ML	*191				
							mostly stiff, low plasticity		*68.3				
	10												
							red brown silty clay, very slight moisture, stiff low plasticity	CL	2.6				
							Brown to red brown silty sand to sandy silt, moist	SM/ML	5.5				
							mod soft, low plasticity						
	15								15.8				
							red brown silty clay, very slight moisture, stiff low plasticity	CL					
							Brown to red brown silty sand to sandy silt, moist low plasticity	SM/ML	*92.1				
							red brown silty clay, very slight moisture, stiff, low plasticity	CL	*282				
	20						red brown silty sand to sandy silt, moist, mod soft, low plasticity	SM/ML	4.5				
							red brown silty sand, soft, wet low plasticity	SM	2.1				
	25								1.7				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 6.0

Remarks: Elevated PID & readings

Converted to Well: Yes X No ____ Well I.D. #: IWE-15

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112FC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-15
DATE: 9/7/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sandy soft, wet, low plasticity	SM	1.7				
									1.1				
							red brown clayey sand to sandy clay, moist med. stiff, low plasticity	SC/MC	1.9				
30							red brown silty clay, very slight moisture, stiff, low plasticity	CL					
									1.8				
							yellow red orange silty clay to clay, stiff, low plasticity	CL	1.7				
	35								1.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-15

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112TC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-16
DATE: 9/8/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							gray gravel sand mix slightly moist, low plasticity	GM	0.4				
							Brown sandy, silty clay w gravel, v. slight moisture, low plas	ML	1.7				
							Brown sand w some silt & gravel @ 3.5'-4', moist, low plasticity	SP	2.5				
	5						Brown clayey sand, mod soft, moist, low plasticity	SC					
							Brown silty sand, moist soft, low plasticity	SM	2.0				
							red brown silty clay, v. slight moisture, low plasticity	CL	1.1				
							red brown silty sand, moist low plasticity	SM					
	10						red brown silty clay, very slight moisture low plasticity	CL	0.1				
							red brown silty sand w clay balls, moist low plasticity	SM/SC	1.4				
							red brown silty sand w rock frags, moist, low plasticity	SP	0.6				
	15												
							brown to red brown, silty sand moist to wet, low plasticity, soft	SM	1.5				
									1.5				
	20								0.4				
									1.4				
	25								6.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-16

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112SC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-16
DATE: 9/8/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								6.2				
							brown to red brown silty SAND, moist to wet, low plasticity, soft	SM	27.4				
									28.6				
	30												
									11.1				
							Brown sandy clay, moist friable, high to med plasticity	MH	MH				
							Brown to red brown sandy clay, moist, friable high to med. plasticity		15.2				
							yellow brown purple, silty clay, stiff, slight moisture	CL	← low plasticity				
	35						yellow sandy clayey silt, moist, med soft, high plasticity	ML	5.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWE-16

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112C04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-17
DATE: 9/8/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0			0.0			gray gravel sand mix		0.0				
							slightly moist, low plasticity	GM					
							Brown silty clay w/sand & gravel @ 3.5 to 4', v. slight moisture	CL	1.5				
									low plasticity				
	5						brown sandy silty gravel moist, low plasticity	SP	0.9				
							Brown clayey sand, moist	SC					
							mod. stiff, low plasticity						
							Brown silty sand, moist soft, low plasticity	SM	1.3				
							Brown clayey sand, moist mod soft, low plasticity	SC					
									0.8				
	10						Brown silty sand, moist soft low plasticity	SM					
									0.3				
							red brown, sandy clay to clayey sand, mod. stiff, low plasticity	SC/ML	0.7				
	15						red brown silty sand, moist, soft, low plasticity	SM	1.2				
							red brown sandy clay to clayey sand, mod. stiff, low plasticity	SC/ML	1.3				
							red brown silty sand, moist soft, low plasticity	SM					
							red brown silty clay, slight moisture, stiff, low plasticity	CL					
							red brown silty sand, moist low plasticity	SM	1.0				
	20												
							red brown ~~silty sandy~~ clay w/ sand, pliable slightly moist, high plasticity	MH	0.4				
									0.6				
							red brown silty sand, wet, soft low plasticity	SM	0.6				
	25												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-17

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-17
DATE: 9/8/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25												
									0.6				
							red brown silty		1.4				
							sand, wet, soft						
							low plasticity	SM	1.3				
	30												
									3.6				
							red brown clay w/ sand moist, pliable high plasticity	MH	11.1				
							yellow, red, gray silty clay v. slight moisture to slight moisture mod to high plasticity	MH/CL					
	35						yellow silty clay v. slight moisture to dry low plasticity	CL	22.5				

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWE-17

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-18
DATE: 9/4/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray/brown gravelly sand, fill, moist low plasticity	GM	0.4				
							brown clayey gravel fill, moist mod. plasticity	GC	1.7				
							gray gravelly sand, mix dry low plasticity	GP					
	5						weathered concrete	Concrete	46.2				
							red brown silty clay slightly moist to v. slight moisture, mod. plasticity Petroleum odor		45.2				
								CL	8.9				
	10						red brown silty clay stiff, dry, low plasticity		2.8				
							red brown to yellow silty clayey SAND, stiff, low plasticity, very slight moisture	SM	1.9				
	15							ML	1.6				
							red brown silty clay very slight moisture stiff, low plasticity	CL	2.3				
							red brown clayey sand w/ silt, mod soft moist to wet, mod plasticity	SC	1.1				
	20								1.4				
							red brown sandy clay, mod soft, mod. plasticity, moist to wet	ML					
							red brown clayey sand, mod soft, mod plasticity, wet	SC	1.1				
							red brown sandy clay mod stiff, mod. plasticity						
	25						moist.	MH	1.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-18

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: EWE-18
DATE: 9/4/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown clayey sand, mod. soft, wet to moist, mod plastic	SC	1.2 1.5 1.2				
	30						red brown silty clay stiff, v. slight moisture low plasticity		3.1				
							yellow brown red silty clay, v. slight moisture low plasticity	CL	2.3				
							light brown silty sand slightly moist, [illegible] plastic						
	35						yellow gray silty sand slightly moist, [illegible] plastic	SM	1.8				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: EWE-18

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-19
DATE: 9/5/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray brown gravelly SAND, slightly moist Low Plasticity	GM	1.1				
							Brown gray silty clay w/sand V. Slight moisture, low plasticity	ML	1.4				
							red brown silty sand w/gravel, slightly moist low plasticity	SP					
	5						red brown silty sand, moist, low p	SM	2.2				
							red brown silty sand w/clay mod stiff, slightly moist, low plasticity	SM	1.6				
								SC					
							red brown, silty clay, V. slight moisture, stiff, low plasticity	CL	1.0				
	10								2.1				
							Brown clayey sand, slightly moist, mod. plasticity, mod. stiff	SC	2.8				
									3.2				
	15						red brown silty clay, V. slight moisture, low plasticity		1.6				
							w/ slightly moist SAND lens @ 16'-16.5'						
								CL	2.8				
	20												
									*32.7				
							red brown silty SAND, soft, wet low plasticity	SM	†21.2				
	25								4.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks: * high PID

Converted to Well: Yes X No ____ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC 04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-19
DATE: 9/5/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								4.1				
							red brown silty	SM	4.0				
							SAND, soft, wet						
							low plasticity		3.8				
	30												
									2.0				
							red, brown, yellow						
							silty clay, stiff						
							dry, friable, low	CL	3.4				
							plasticity w/ White						
	35						silty clay @ 33.5						
							to 34.5		3.7				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.1

Converted to Well: Yes X No _____ Well I.D. #: IWE-19

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC 04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-20
DATE: 9/5/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray sand gravel mix, slightly moist	GM	0.4				
							low plasticity		0.9				
							Brown sandy clay, stiff slightly moist, low plasticity	ML					
	5						Brown clayey sand, soft slightly moist, low plasticity	SC	1.1				
							Brown gravelly sand, soft, moist, low plasticity	SM					
							Brown clayey sand, slightly moist mod. soft, low plasticity	SC	2.6				
							Brown silty clay, slight moisture, stiff, low plasticity	CL					
							Brown clayey sand, moist mod. soft, low plasticity	SC	0.6				
	10						Brown silty sandy clay, pliable, slightly moist, mod plastic to plastic	MH					
									1.0				
							Brown silty clay, V. slight moisture, stiff, low plasticity	CL					
							red brown silty sandy clay slightly moist, pliable mod plastic to plastic	MH	204*				
							red brown silty sands, soft, wet, low plasticity	ML					
	15						red brown silty clay slightly moist, mod. soft	CL	171*				
							low to mod plasticity						
							red brown clayey sand wet, mod soft, low to mod plasticity	SC	263*				
							red brown silty sand, wet soft, low plasticity	SM	84.4*				
	20						red brown clayey sand, moist, mod soft	SC					
							mod plasticity		4.4				
							red brown to brown silty sand w/ some clay wet, soft	SM	10.1				
	25						low plasticity		5.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * High PID

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWE-20

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112C04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-20
DATE: 9/5/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown to brown silty sand w some clay	SM	5.0				
									25.9				
							wet, soft, low plasticity		14.7				
	30												
									44.4				
							red brown orange silty clay slightly moist, pliable med plastic	MH					
							purple, red, brown, gray silty clay, dry, stiff low plasticity	CL	10.7				
	35								2.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWE-20

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-21
DATE: 9/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray gravel SAND mix, slightly moist	GM	0.8				
							low plasticity						
									1.3				
							Brown sandy clay, med. stiff, v. slight moisture	CL					
	5								1.7				
							red brown SAND to silty sand w/ gravel @ 4.5-5', moist, soft	SP-SM	2.3				
							red brown clayey sand, moist mod soft, med low plasticity	SC	1.8				
	10						red brown sand to silty sand moist to wet, soft, low plasticity	SP-SM					
							red brown clayey SAND, moist to wet, med soft low plasticity	SC	1.3				
							red brown silty clay to clay v. slightly moist to dry,	CL					
							stiff, low plasticity		1.2				
	15								1.6				
							red brown clayey sand to sandy clay, slightly moist to moist, med stiff, low plasticity	SC-ML	1.7				
									1.2				
	20												
							red brown silty SAND, wet, soft low plasticity	SM	1.8				
									1.9				
	25								1.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.2

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-21

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04269
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWG-21
DATE: 9/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	25								1.5				
							red brown silty		1.3				
							SAND, wet, soft	SM					
							low plasticity		1.5				
	30												
									4.2				
							Brown clay to silty clay, slightly moist		13.6				
							plastic	CH					
	35						Brown clay to silty clay, slightmoisture, stiff	CL	*47.5				
							low plasticity						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * relatively high PID reading

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWE-21

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-22
DATE: 9/4/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0								0.1				
							gray sandy gravel fill, moist	GP	1.3				
							Low plasticity						
	5								2.4				
							yellow brown silty clay	MH	1.7				
							pliable, plastic, v. slight moisture						
							yellow brown silty clay stiff, v. slight moisture		1.2				
	10						red/yellow silty clay stiff, v. slight moisture, low plasticity		0.6				
							red/yellow silty clay & sand slight moisture, mod stiff low plasticity.		1.8				
								CL					
	15						red brown silty clay w/ sand, stiff		0.6				
							v. slight moisture						
							low plasticity		1.4				
									2.5				
	20												
									14.1				
							red brown silty sand,						
							wet, mod soft,	ML	65.3				
							low plasticity - iron stone fragments						
	25						@ 20-21', clay @ 23'		21.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.1

Converted to Well: Yes X No _____ Well I.D. #: IWE-22

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-22
DATE: 9/4/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								21.4				
							red brown silty sand and soft, wet		104				
							low plasticity	ML					
									42.2				
	30												
									6.9				
							red brown to brown						
							brown silty clay w/ some gravel @ 33-34,	CL	2.6				
							V. slight moisture, friable						
	35								3.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 6.1

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWE-22

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112EC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-23
DATE: 8/29/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray sandy gravel Fill, moist, Low plasticity	GP	5.2				
									* 35				
	5						Brown clay to silty clay, slightly moist, pliable, plastic	CH	6.0				
									6.4				
							red brown silty clay, v. stiff, moist, stiff, low plasticity brown gray sandy clay, slight moisture, low/med plasticity	SCL / MH	* 12.6				
	10						red w/ gray streaks, silty clay, stiff, low plasticity	CL	5.4				
									* 11.4				
									8.2				
	15						red brown silty sand, soft to mod soft, moist to wet low plasticity 3-4" rock shards @ 16-17'	SM	* 11.7				
							ironstone? sandstone?		39.5				
	20								26.8				
									5.2				
	25												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.5

Remarks: * High humidity / condensation - Affected PID reading reading > 10 and above 20' are suspect. Samples below 20' ok

Converted to Well: Yes X No _____ Well I.D. #: IWE-23

Samples below 20' were collected after 4 hour delay & weather condition that Affected PID Had Changed

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-23
DATE:
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
									5.2				
							red brown silty		6.0				
							SAND, soft to Mod. soft, moist						
							to wet, low plasticity	SM	35.1				
	30												
									5.4				
									4.8				
							red brown w/ white flecks clayey/sandy silt to silty sandy clay, plastic moist, high plasticity	ML					
	35								15.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.5

Converted to Well: Yes X No Well I.D. #: IWE-23

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWE-24
DATE: 8/29/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray sandy gravel fill moist, low plasticity	GP	750				
									750				
							yellow brown silty sand, mod stiff, moist to wet	SM					
	5								25.7				
							red brown silty clay, v. slight moisture, stiff, low plasticity	CL	33.4				
									75.0				
	10												
							red brown, clayey sandy silt, slightly moist, low plasticity	ML	3.1				
							mod. stiff		4.5				
							red brown silty clay very slight moisture, stiff, low plasticity	CL					
	15								750				
									11.5				
							Brown to red brown silty sand, soft, wet, low plasticity	SM	7.5				
	20												
									3.9				
									2.9				
	25								3.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area 0.3 to 1.8
Background (ppm): [ ]

Remarks: * Humidity/condensation Affected PID reading
Values >10 should be considered suspect

Converted to Well: Yes X No _____ Well I.D. #: IWE-24

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: EWE-24
DATE:
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								3.1				
							Brown to red brown silty SAND, soft, wet, low plasticity	SM	3.0				
									3.3				
	30												
									1.2				
							Brown & white sandy silty clay, plastic, pliable, slightly moist	MH	7.4				
	35						Brown, purple yellow white clay to silty clay, v. slight moisture, stiff, low plasticity	CL	6.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area 0.3 - 1.8
Background (ppm):

Remarks:

Converted to Well: Yes X No Well I.D. #: EWE-24

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SEMW-1I
DATE: 9/8/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray gravel fill		1.2				
							(CR7) mixed sand	GP					
							low plasticity slight moisture		1.8				
							brown to red brown silty sand w/ gravel @ 3.5'	SM					
	5						red brown sandy clay, slightly moist, low plasticity, stiff FP	ML	2.4				
							red brown silty clay, very slight moisture, stiff low plasticity						
							red brown silty sand moist, soft, low plasticity	SM	0.8				
							red brown clayey sand slightly moist, mod soft low plasticity	SC	1.3				
	10						red brown silty sand moist, soft low plasticity	SM	0.6				
							red brown silty clay slightly moist, stiff low plasticity	CL	3.3				
	15								3.7				
							red brown clayey sand, moist, mod soft, low plasticity	SC	1.7				
									1.3				
	20						red brown silty sand, wet 15 ft	SM	0.0				
							low plasticity		0.3				
	25								0.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No ____ Well I.D. #: SEMW-1I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SEMW-11
DATE: 9/8/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty SAND, wet, soft low plasticity	SM	0.9				
							red brown clayey SAND, wet soft low/plasticity	SC	1.5				
							very green gray silty CLAY, very slight moisture, stiff low plasticity	CL	1.7				
	30												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: SEMW-11

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SEMW-2I
DATE: 8/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						concrete yellow brown silty sand soft moist	SM	1.8				
							red brown silty sand, stiff, moist						
							red brown silty clay stiff, tough, dry	CL	1.5				
	5								3.1				
							red brown silty clayey SAND, soft to slightly plastic, slightly moist	SM	3.0				
									5.1				
	10						red brown sandy clay low plasticity, V. slight moisture	CL					
							red brown silty sand, soft, moist	SM	5.2				
							red brown silty clay low plasticity, stiff V. slight moisture	CL	14.8				
	15								15.9				
							red brown silty, clayey SAND, stiff, slightly moist	SM	8.7				
									5.1				
	20												
							red brown silty SAND soft, wet w/ brown sandy clay lenses @ 24.25'-24.75', 26-26.25' & 27-28.5'	SM	4.1				
									4.0				
	25								3.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 1.4

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: SEMW-2I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: ~~[illegible]~~ 112C04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SE MW-2I
DATE: 8/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sand, soft, wet w/ brown sandy clay lenses @ 26'-26.25' & 27'-28.5'	SM	9.3				
									4.2				
							gravel at base 29'-30'		5.0				
	30												

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 1.4

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: SE MW-2I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SEMW-3I
DATE: 8/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						concrete yellow brown silty sand, soft, moist	SM	3.9				
							brown to red brown silty sand, soft, moist	SM	3.4				
							red brown silty clay to clay, stiff, friable clay		2.4				
	5						red brown silty sandy clay w/ white streaks, slightly plastic, slightly moist	CL	2.1				
							red brown sandy silty clay, low plasticity, slight moisture	SM	3.2				
	10						red brown sand soft moist red brown silty clay w/ white streaks, low plasticity v. slight moisture		6.5				
							red brown silty clay low plasticity v. slight moisture	CL	5.7				
	15						red brown silty sandy clay, mod. plasticity, v. slight moisture		5.6				
							red brown clayey silty sand, mod. plastic slightly moist to moist		4.3				
									2.1				
	20							SM					
							red brown silty sand soft, wet		2.4				
							w/ brown silty sandy clay lens @ 26-26.5		2.1				
	25								2.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 2.4

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: SEMW-3I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SEMW-3I
DATE: 8/6/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25												
							red brown silty		2.4				
							sand, soft, wet w/ brown silty sandy		2.3				
							clay lens @ 26-26.5'	SM					
									2.6				
	30						brown silty sandy clay, mod-low plasticity, v. slight moisture		CL				

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 2.4

Remarks:

Converted to Well: Yes X No ____ Well I.D. #: SEMW-3I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: SEMW-6I
DATE: 9/9/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0			SLC CLC			Dark brown topsoil, moist low plasticity	OL	1.1				
							orange brown silty clay, very slight moisture, friable, low plasticity	CL					
							orange brown clay to silty clay, slightly moist to very slightly moist, pliable plastic	MH/CH	1.4				
	5								1.4				
							pt. brown to red, silty clay, v. slight moisture, stiff, low plasticity						
									2.1				
							red brown, orange, grey silty clay, v. slight moisture, stiff low plasticity	CL					
									1.7				
	10						red brown silty clay						
							v. slight moisture, stiff low plasticity		1.9				
									1.6				
	15						red brown silty sand,		2.6				
							wet, mostly soft, rock @ 15'-15.5						
								SM	7.2				
									47.3				
	20												
									81.0				
							red brown clay, slight moisture plastic	CH	40.3				
							red brown to brown silty SAND, wet, soft, low plasticity	SM					
	25								3.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: SEMW-6I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: SEMW-6I
DATE: 9/9/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	25								3.0				
							red brown silty sand, wet, soft, low plasticity	SM	12.1				
									18.6				
	30												
							red brown clayey sand to sandy clay, moist, stiff low plasticity	SC/ML					

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: SEMW-6I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic
BORING No.: SEMW-1I
DATE: 10/2/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Hi brown sand fill w/ gravel slightly moist, low plasticity	SP	1.9				
							rust brown sandy silty clay slightly moist, low plasticity	ML					
							rust brown silty clayey sand, moist to wet, low plasticity	SM/SC	2.4				
	5								3.0				
							rust brown silty clay stiff & tumbles w/ slight moisture, low plasticity	ML/CL	3.1				
									1.9				
	10						Brown clay, v. slight moisture plastic, med to high plasticity	CH					
									2.4				
							Brown clay w/ gravel, very slight moisture, med to high plasticity	MH					
							red brown silty sandy clay very slight moisture, low plasticity	ML	2.3				
	15						Brown, plastic, v. slightly moist clay (jacketing) a gray clayey sand that is moist & has low plasticity	SC/CL	2.3				
							red brown silty sandy clay v. slight moisture, low plasticity	ML	2.2				
							Brown, plastic, v. slightly moist clay jacketing a layer sand within it moist & has low plasticity gray	SC/CH	2.3				
	20						red brown silty sand, wet low plasticity	SM	2.0				
							red brown sandy clay, moist, low plasticity	ML	2.4				
							red brown silty sand, wet low plasticity	SM					
	25						red brown silty clay, moist low plasticity gray silty sand, wet, low plasticity	ML / SM	5.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: SEMW-1I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic
BORING No.: SEMW-11
DATE: 10/2/13
GEOLOGIST: Walter O'Neill
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	25						gray silty sand, wet low plasticity	SM	5.3 4.1				
	30						red brown sandy clay to clay, low plasticity (top) to mod/high plasticity (base)	ML / CH	2.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: SEMW-11

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic
BORING No.: SEMW-2I
DATE: 10/2/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Dark brown soil, slightly moist low plasticity	GC	2.4				
							rusty brown silty clay to clay, v. slight moisture, low plasticity	ML/CL					
							rusty brown sandy clay, very slight moisture, low plasticity	ML	2.9				
							red brown clayey sandy moist soil, low plasticity	SC					
	5						rust brown silty sand, wet low plasticity	SM	4.4				
							reddish orange brown, clayey silty, v. slight moisture, low plasticity	ML	5.7				
							rust brown silty sand, wet low plasticity	SM					
							rust brown clay, very slight moisture, low plasticity	CL	5.3				
	10						rust brown to gray clay						
							to silty clay, v. slight moisture, mod. plasticity	ML/CL	2.7				
							red brown clay to silty clay, v. slight moisture, mod/high plasticity	CH	2.9				
	15						reddish gray sandy clay		3.6				
							moist to slightly moist, mod/low plasticity	ML					
									3.4				
							reddish gray clayey sand, moist, low plasticity	SC					
							reddish gray sandy clay, slightly moist, mod/low plasticity	ML	3.2				
	20						red brown clay, v. slight moisture, mod/high plasticity	CH					
							gray silty sand jacketed by brown plastic clay, slight moist	SC/CH	5.2				
							red brown to gray clay slightly moisty low plasticity	ML	6.3				
	25						gray, moist, silty sand jacketed by brown plastic clay v. slight moisture	SC/CH	10.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: SEMW-2I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic

BORING No.: SEMW-2I
DATE: 10/2/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25 30						gray, moist silty clay jacketed by plastic	SM	10.0				
							brown clay, v. slight moisture	CH	5.4				
							gray brown silty sand, wet, soft	SM	9.4				
	30						low plasticity						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: SE MW-2I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: EQAP N12IC 04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SWMW-5I
DATE: 7/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Brown soil, clay to pebble, soft red brown fill, clay to gravel, friable v. slight moisture	moist ↑ GM	0				
							gray sandy silty clay w gravel, plastic, moist	CH	10.2				
	5								30.8				
									2.8				
							red brown silty clay to silty clay w white streaks, slightly plastic,		1.4				
	10						v. slight moisture	CL	2.9				
							orange silty clay, mod. plastic, v. slight moisture		2.6				
							red brown silty clay, low plasticity v. slight moisture		4.9				
	15						red brown clay, stiff, dry						
							red brown silty clay low plasticity, v. slight moisture		5.3				
							red brown clay, mod. plasticity, v. slight moisture						
							gray to red brown silty sand, soft, wet w clay lens @	SM	7.3				
	20						19-19.5' red brown silty clay to clay, mod plastic, v. slight moisture, w 2" gray sand lens at bottom		8.0				
							red brown silty clay to clay, dense	CL	6.0				
	25						stiff, v. slight moisture		3.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: SWMW-5I

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112TC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: SWMW-5I
DATE: 7/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay to clay; dense, stiff, very slight moisture w/ gray clay @ 28'-28.5'	CL	3.1 4.1 3.6				
	30												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

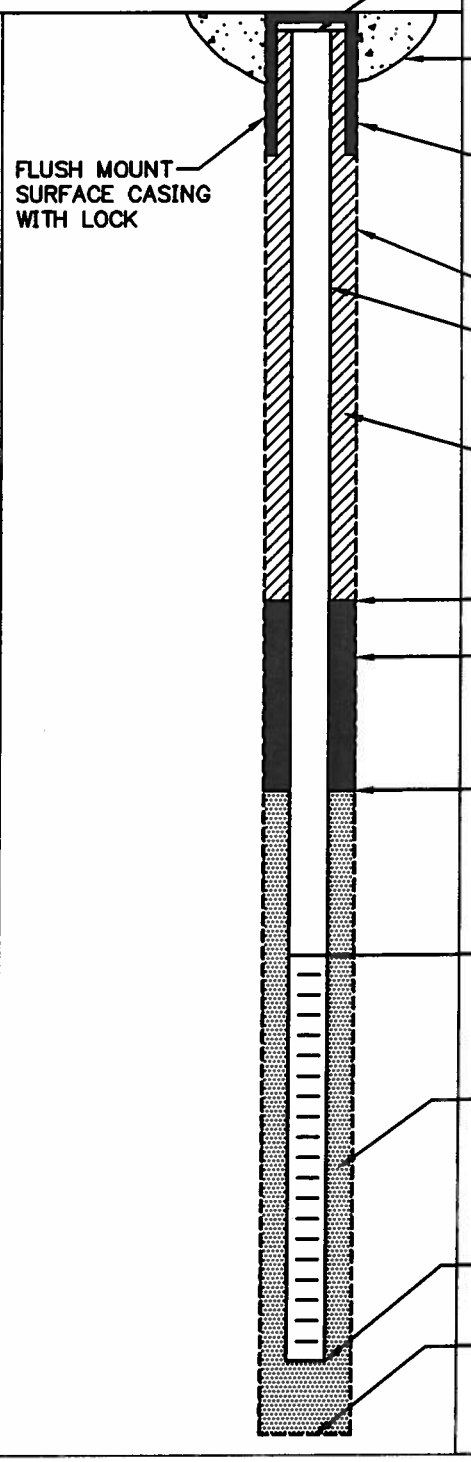
Converted to Well: Yes X No _____ Well I.D. #: SWMW-5I

WELL NO.: IWE-1

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-1	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/28/13	DATE COMPLETED: 8/29/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC Wire Wrap

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Filpro #1 WG

DIAMETER OF HOLE IN BEDROCK:

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

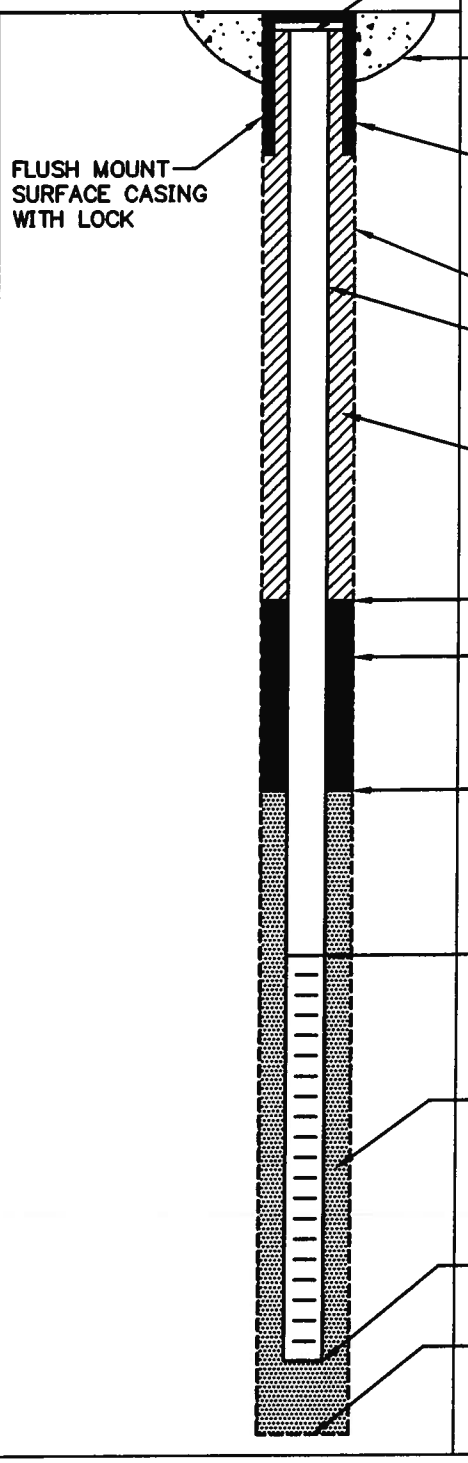
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-2

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-2	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/28/13	DATE COMPLETED: 8/28/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: _____

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand

Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: _____

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: NA

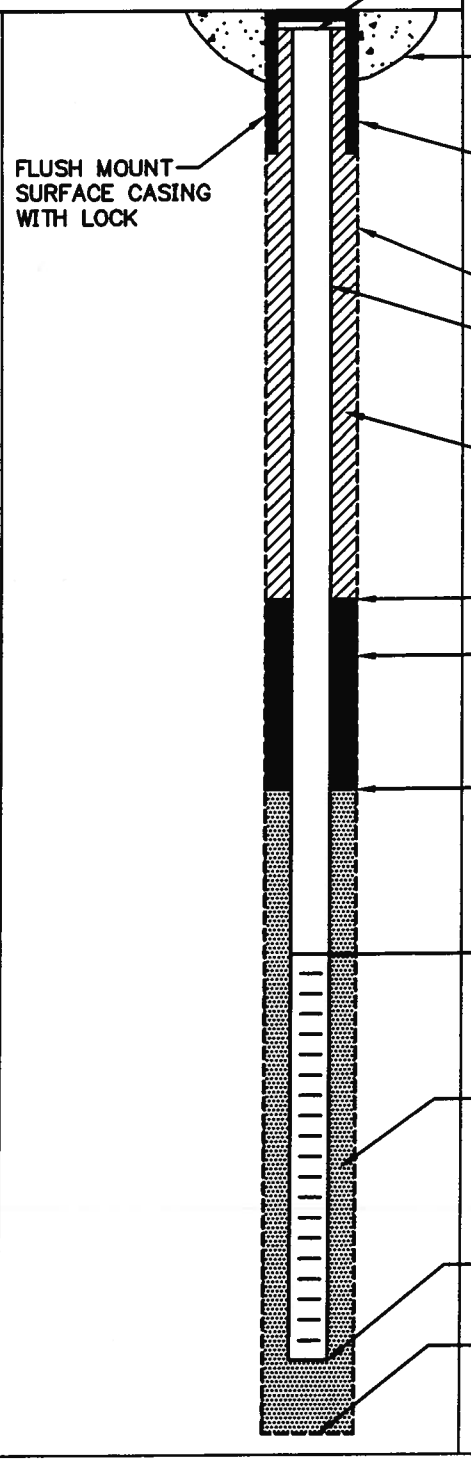
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-3

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-3	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/27/13	DATE COMPLETED: 8/27/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~

TYPE OF PROTECTIVE CASING: ~~PVC~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Fi pro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

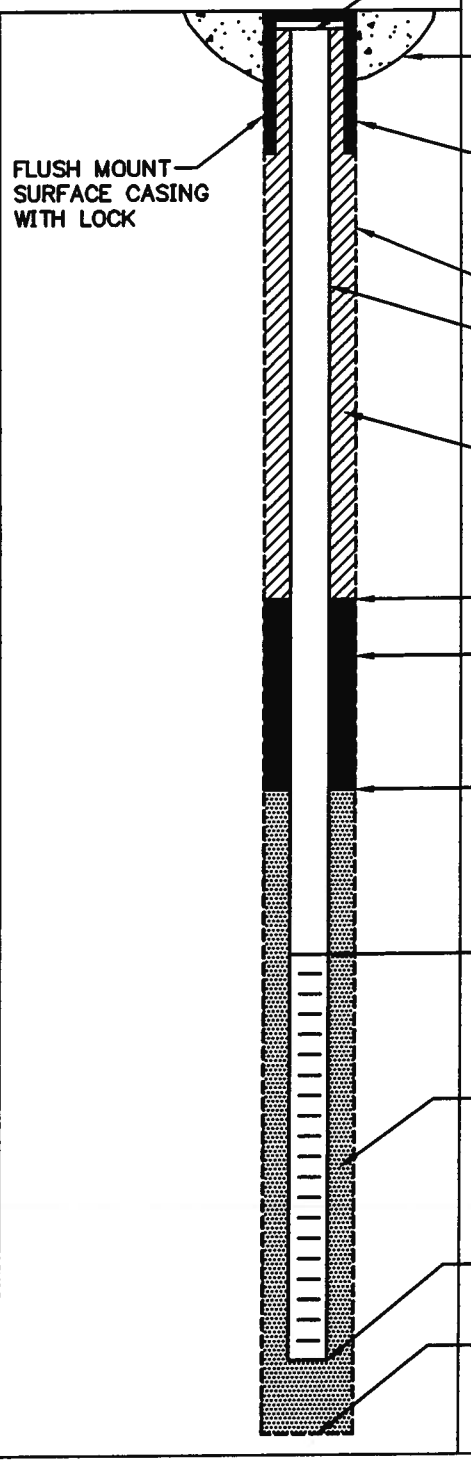
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-4

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 12IC04769	BORING: IWE-4	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/27/13	DATE COMPLETED: 8/27/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~

TYPE OF PROTECTIVE CASING:

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC - sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: #1 Silica sand Filter WGH1

DIAMETER OF HOLE IN BEDROCK: NA

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

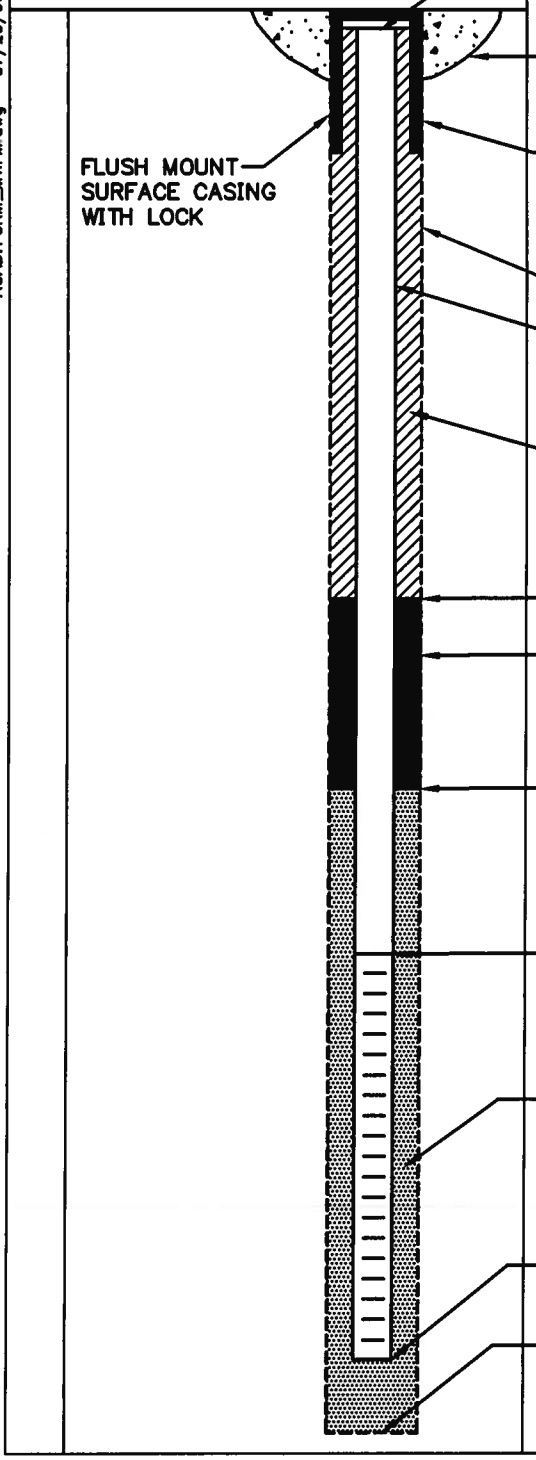
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-5

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-5	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/26/13	DATE COMPLETED: 8/26/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-strength concrete~~

TYPE OF PROTECTIVE CASING: ~~Steel vault~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: ~~two-inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Fil pro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

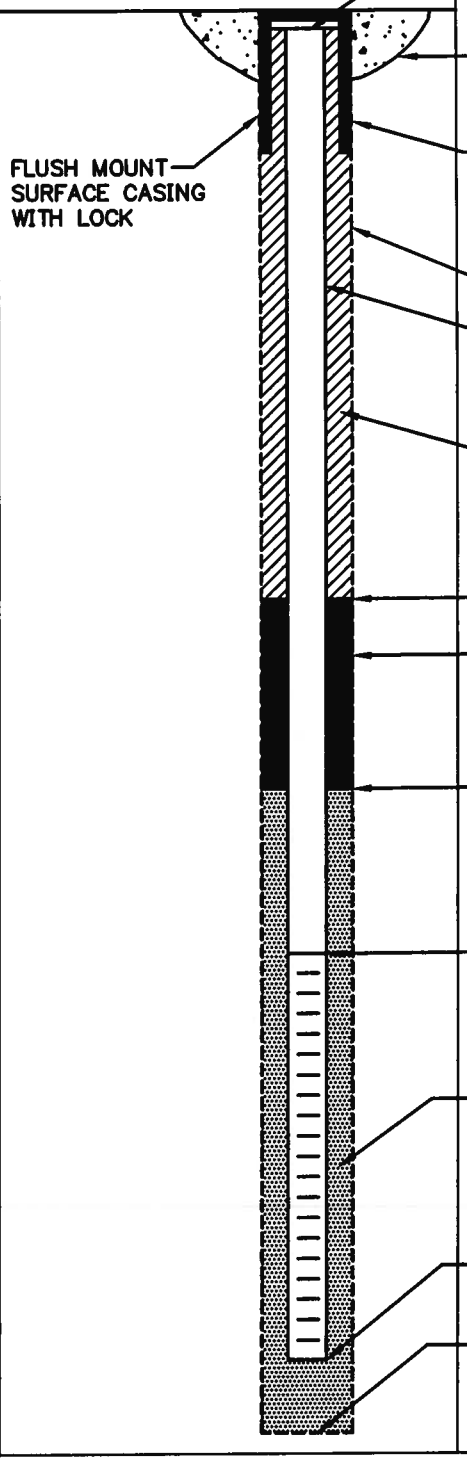
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-6

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-6	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/26/13	DATE COMPLETED: 8/26/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High strength concrete~~

TYPE OF PROTECTIVE CASING: ~~Steel w/ welt~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC - sch 80

RISER PIPE I.D.: ~~0.01"~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20 /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand filpro WGF1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35 /

ELEVATION / DEPTH BOTTOM OF SAND: 35 /

ELEVATION/DEPTH BOTTOM OF HOLE: 35 /

BACKFILL MATERIAL BELOW SAND: N/A

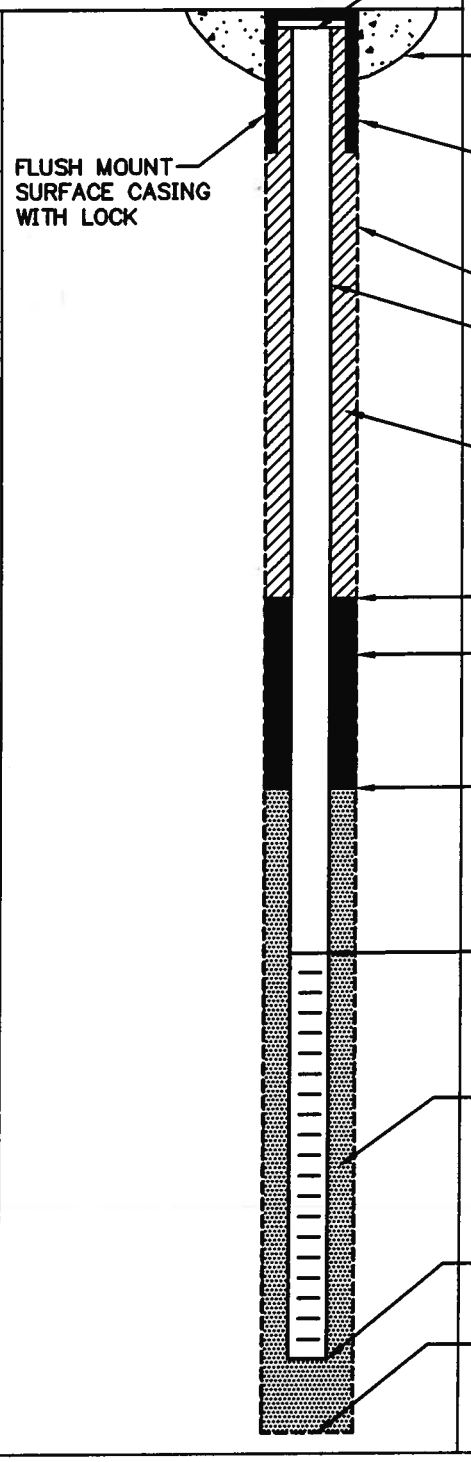
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-13

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-13	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/6/13	DATE COMPLETED: 9/6/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	



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ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND: [redacted]
Sand to 36'

WELL NO.: IWE-14

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/7/13
FIELD GEOLOGIST: W. O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: ~~IWE-14~~ IWE-14
DATE COMPLETED: 9/7/13
DATUM: _____
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

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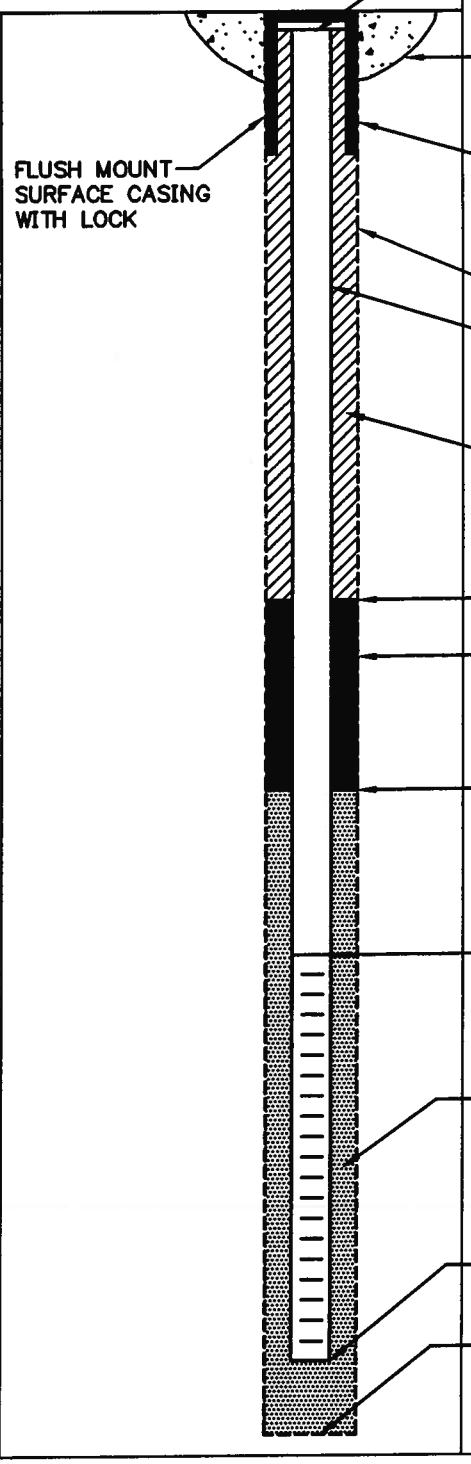


ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

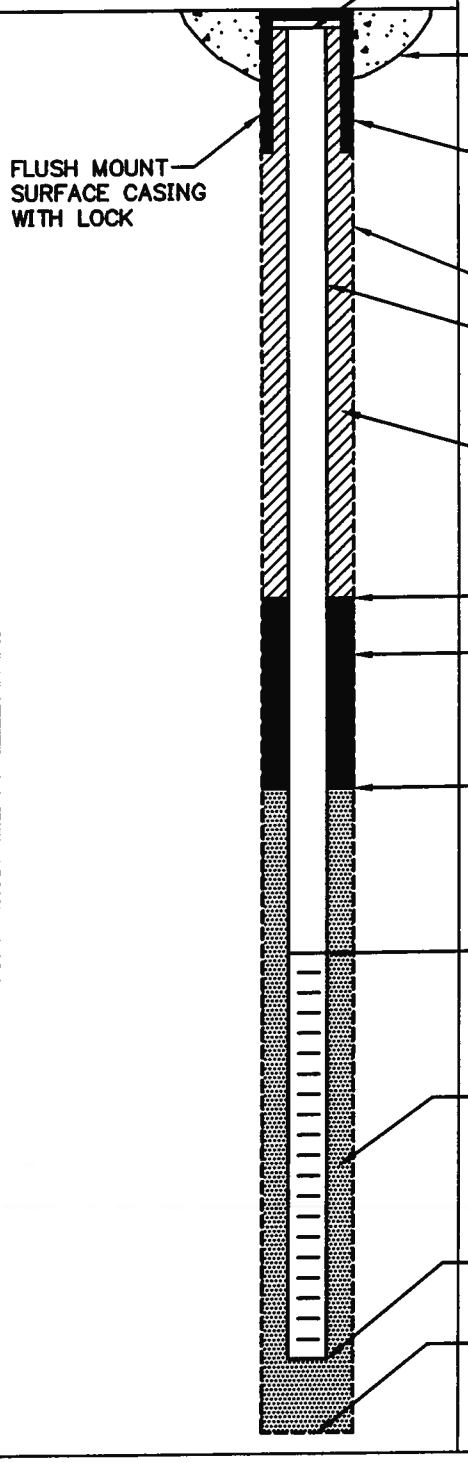
WELL NO.: IWE-15

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-15	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/7/13	DATE COMPLETED: 9/7/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ended up w/ 1 foot extra → 13'

ELEVATION/DEPTH TOP OF SEAL: 13'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

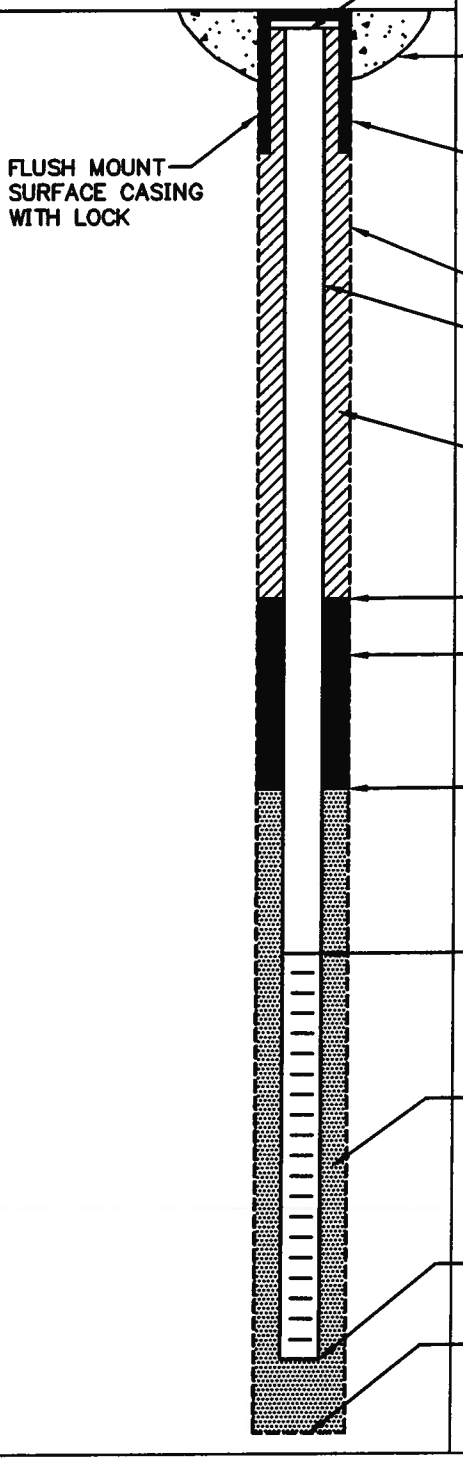
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWE-16

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-16	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/8/13	DATE COMPLETED: 9/8/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~N/A~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

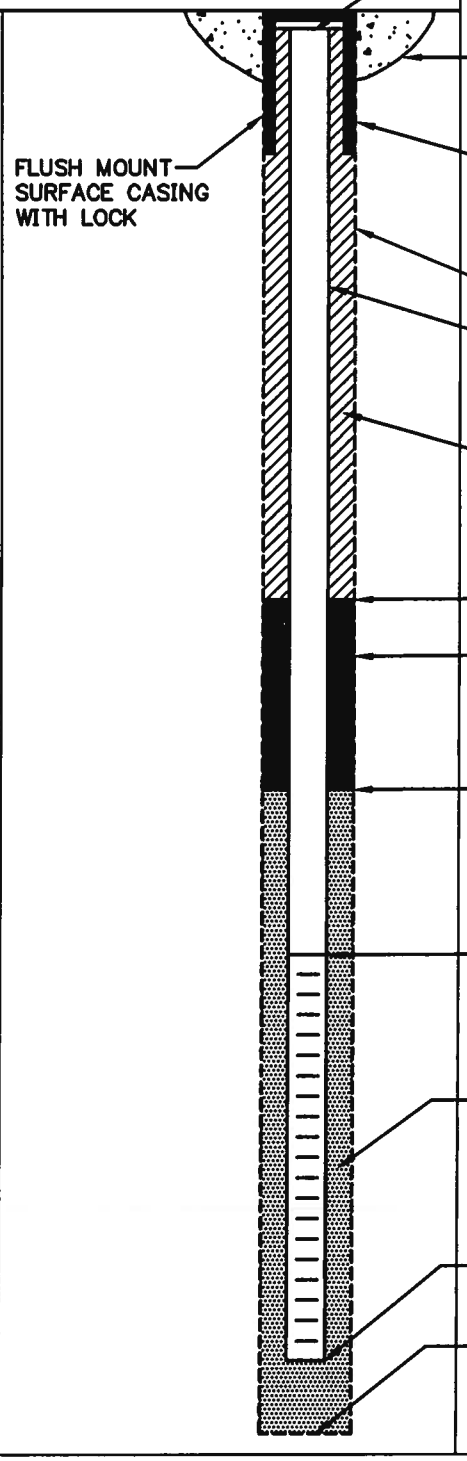
ACAD:FORM_MWFM.dwg 07/28/99 INL

WELL NO.: IWE-17

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-17	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/8/13	DATE COMPLETED: 9/8/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Pipe~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

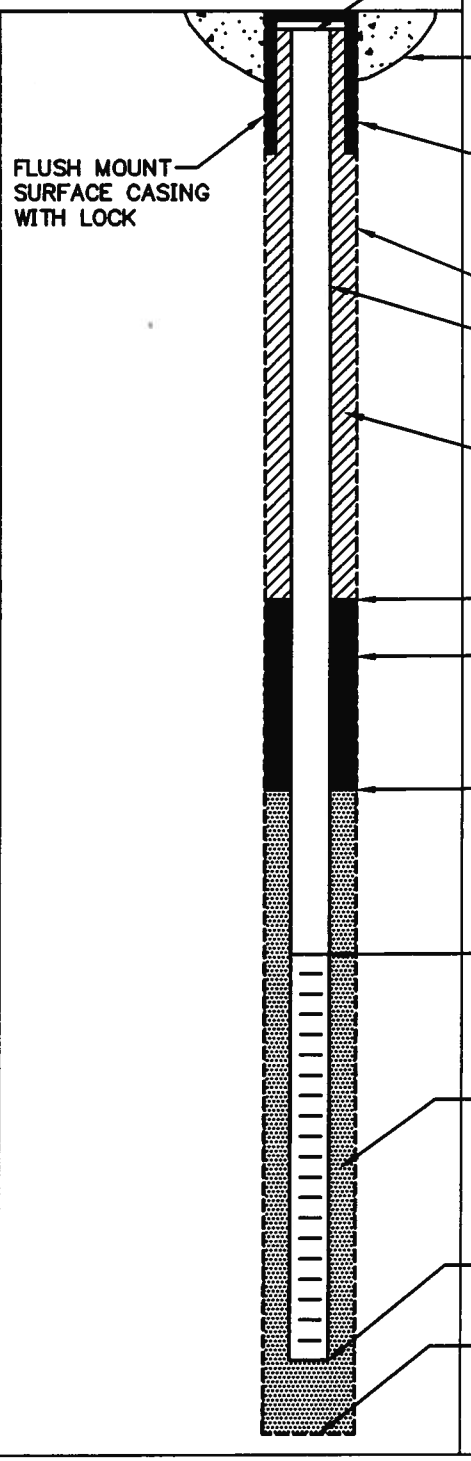
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-18

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: ~~CTO~~ 112S04769	BORING: IWE-18	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/4/13	DATE COMPLETED: 9/4/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Filpro #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-19

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC64769	BORING: IWE-19	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/5/13	DATE COMPLETED: 9/5/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	

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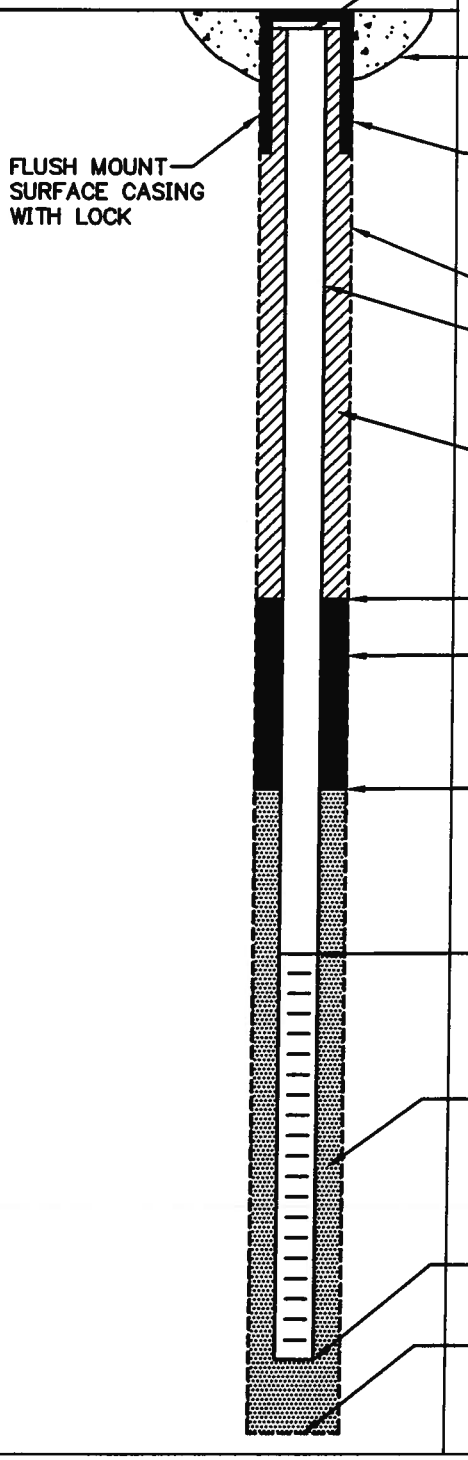


ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: ~~PVC~~ sch 80 PVC

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

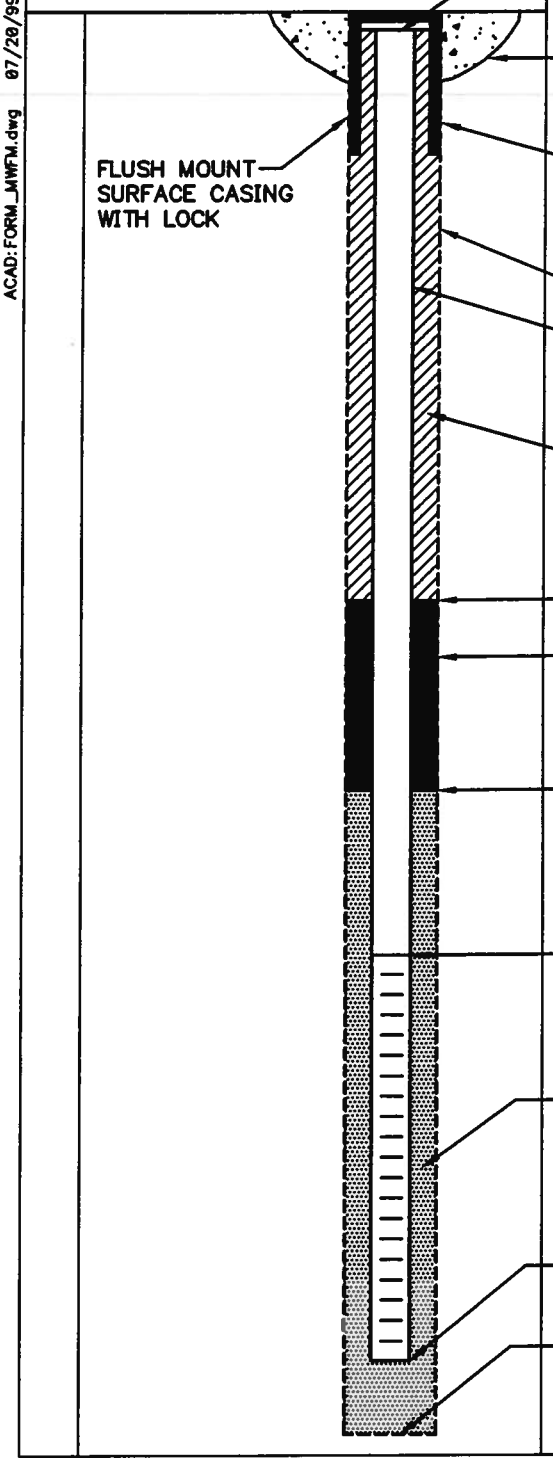
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWE-20

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-20	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/5/13	DATE COMPLETED: 9/5/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK:

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

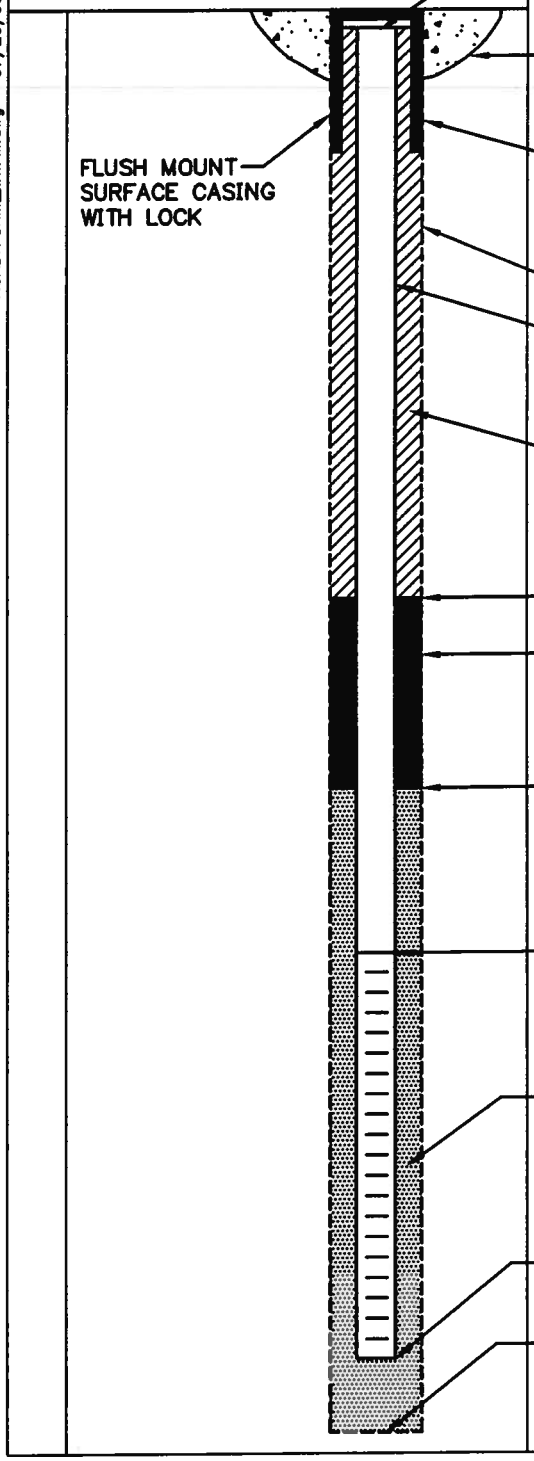
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-21

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-21	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/6/13	DATE COMPLETED: 9/6/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

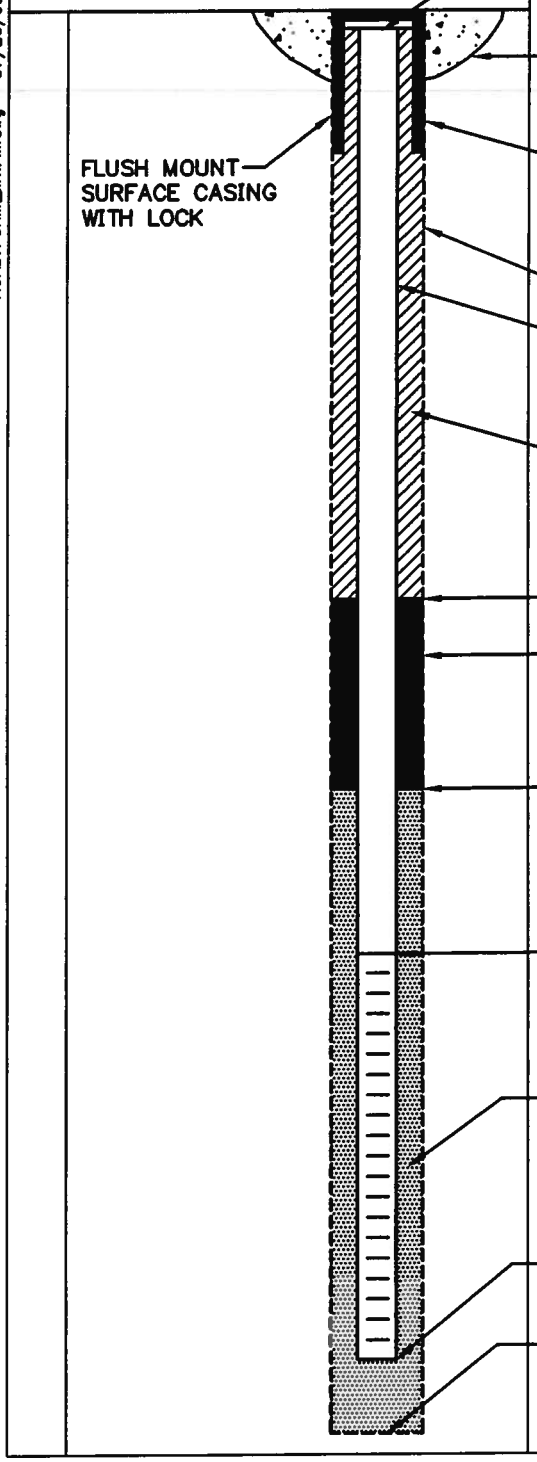
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-22

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-22	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/4/13	DATE COMPLETED: 9/4/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13.5' ~~bgs~~

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

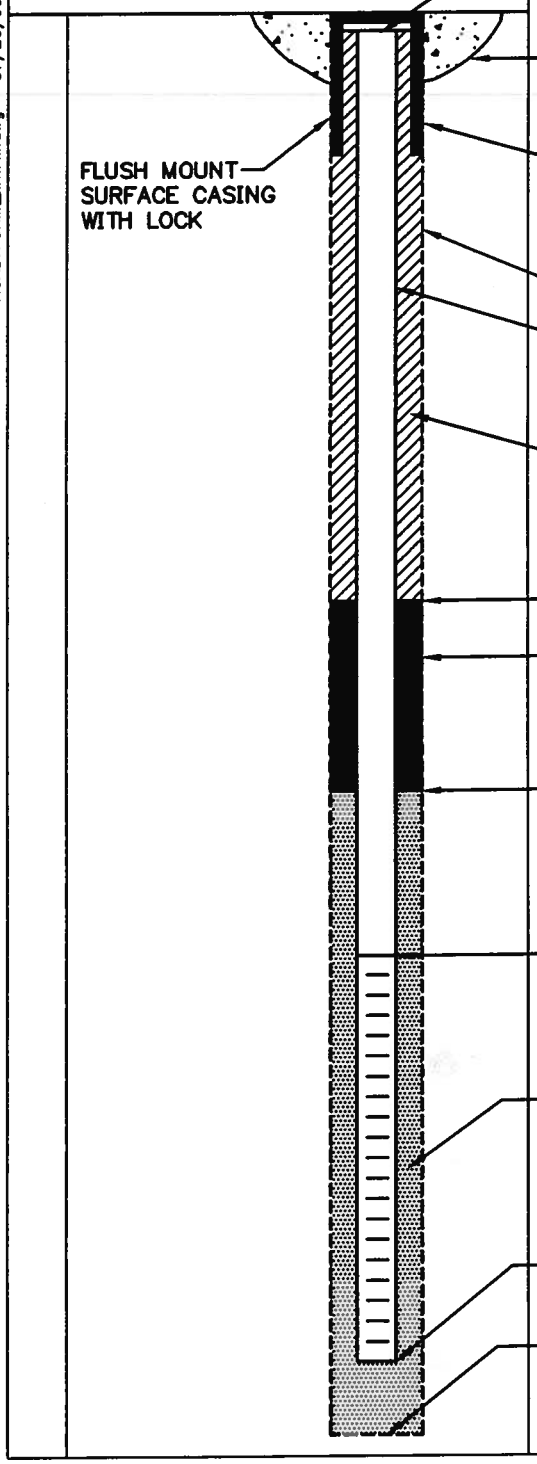
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-23

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-23	DRILLING METHOD: Rotosonic
DATE BEGUN: 08/29/13	DATE COMPLETED: 08/30/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Pipe~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC - Sch. 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19 /

ELEVATION/DEPTH TOP OF SCREEN: 20 /

TYPE OF SCREEN: PVC wire wrap

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35 /

ELEVATION / DEPTH BOTTOM OF SAND: 35 /

ELEVATION/DEPTH BOTTOM OF HOLE: 35 /

BACKFILL MATERIAL BELOW SAND: N/A

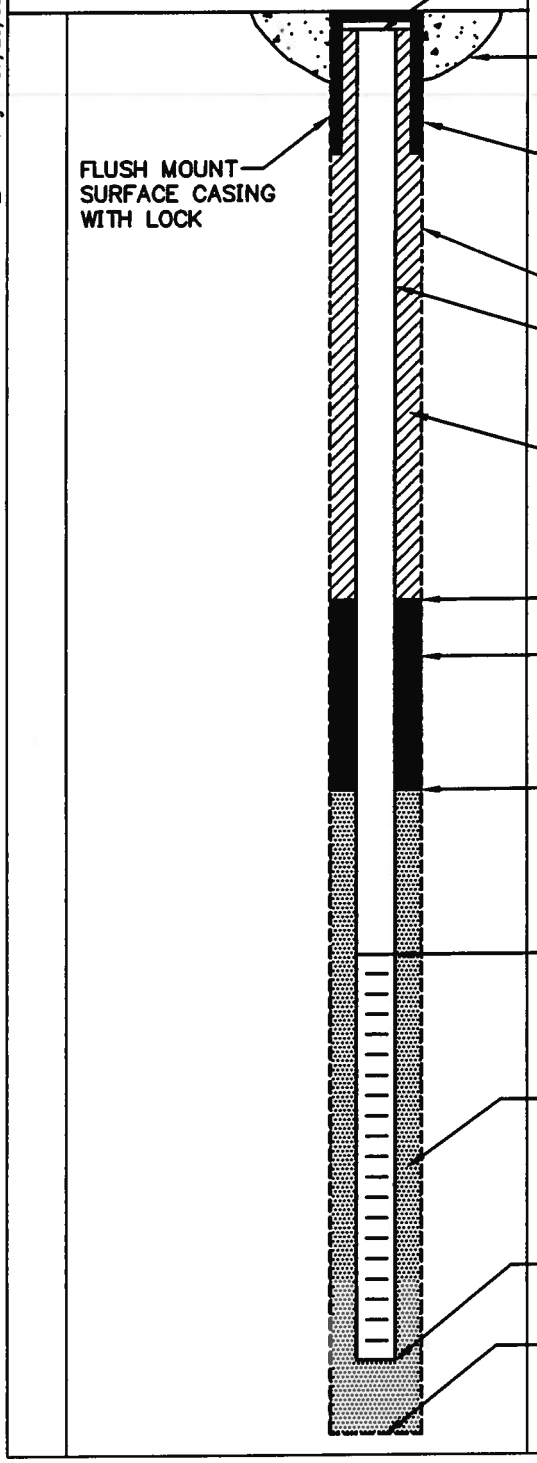
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWE-24

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWE-24	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/29/13	DATE COMPLETED: 08-29-13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~8"~~ N/A

I.D. OF PROTECTIVE CASING: ~~8"~~ N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch. 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19 /

ELEVATION/DEPTH TOP OF SCREEN: 20 /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro #1 WG

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35 /

ELEVATION / DEPTH BOTTOM OF SAND: 35 /

ELEVATION/DEPTH BOTTOM OF HOLE: 35 /

BACKFILL MATERIAL BELOW SAND: N/A

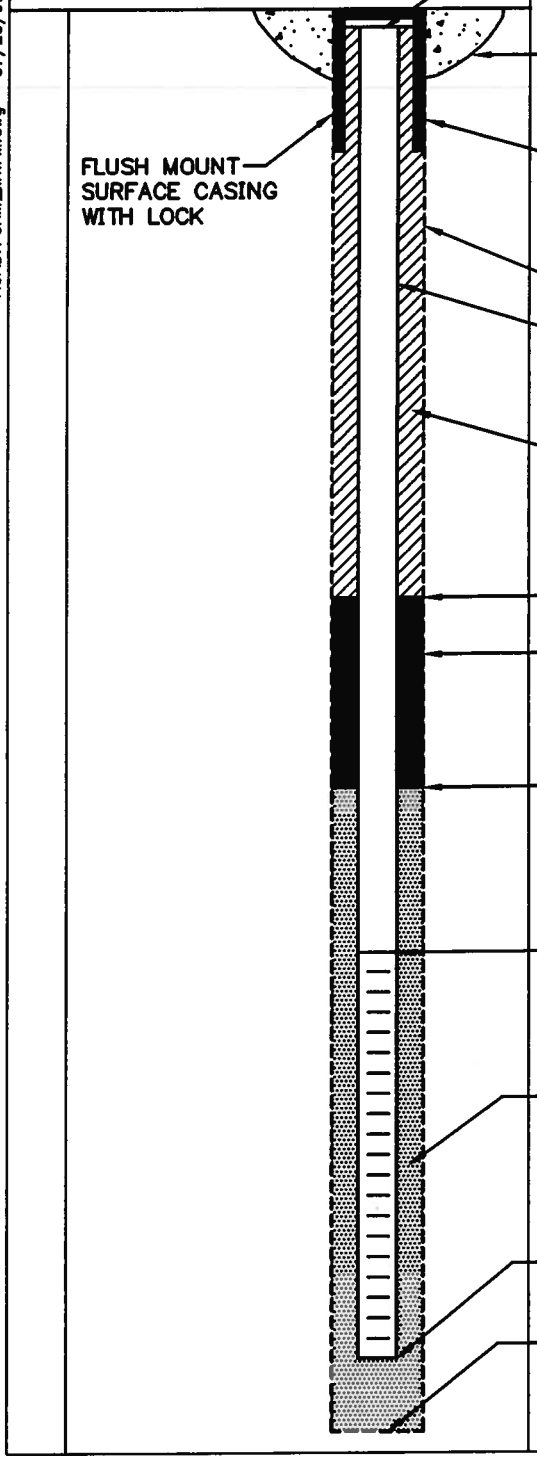
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: SEMW-1I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: SEMW-1I	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/8/13	DATE COMPLETED: 9/9/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Plug~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 6"

TYPE OF RISER PIPE: PVC sch 40

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 16' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10

TYPE OF SAND PACK: Silica sand Filpro WG-#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30' /

ELEVATION / DEPTH BOTTOM OF SAND: 30' /

ELEVATION/DEPTH BOTTOM OF HOLE: 30' /

BACKFILL MATERIAL BELOW SAND: N/A

ACAD: FORM_MWFM.dwg 07/28/99 INL

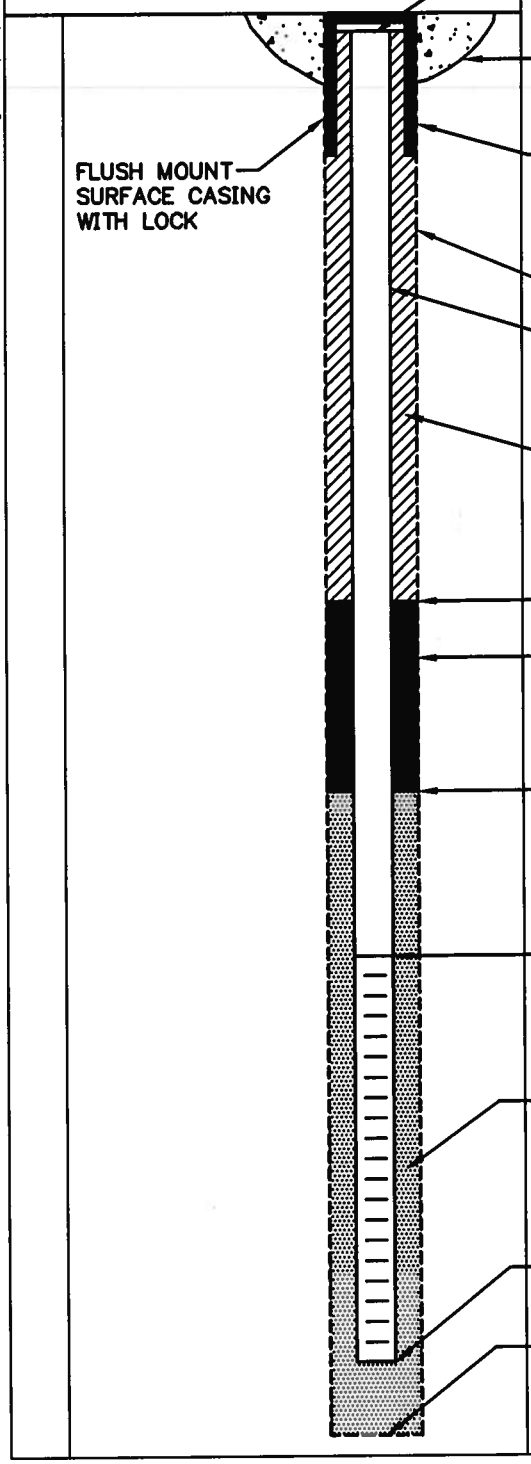
WELL NO.: SEMW-2I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: SEMW-2I	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/6/13	DATE COMPLETED: 8/6/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: High strength concrete

TYPE OF PROTECTIVE CASING: Steel vault

I.D. OF PROTECTIVE CASING: _____

DIAMETER OF HOLE: 6"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: two-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 16 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18 /

ELEVATION/DEPTH TOP OF SCREEN: 20 /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10'

TYPE OF SAND PACK: #1 WG Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30 /

ELEVATION / DEPTH BOTTOM OF SAND: 30 /

ELEVATION/DEPTH BOTTOM OF HOLE: 30 /

BACKFILL MATERIAL BELOW SAND: N/A

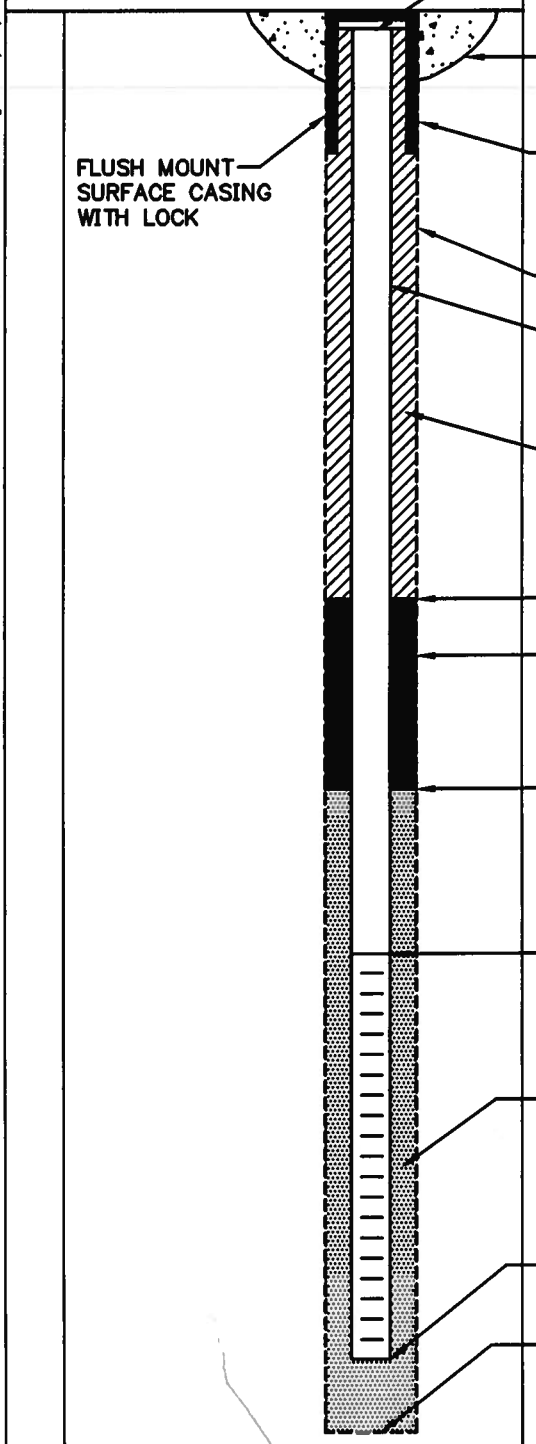
WELL NO.: SEMW-3I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: SEMW-3I	DRILLING METHOD: Rotosonic
DATE BEGUN: 8/6/13	DATE COMPLETED: 8/6/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	

ACAD:FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: High strength concrete

TYPE OF PROTECTIVE CASING: Steel vault

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 6"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: two-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 16 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18 /

ELEVATION/DEPTH TOP OF SCREEN: 20 /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10

TYPE OF SAND PACK: Silica sand #1WG

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30 /

ELEVATION / DEPTH BOTTOM OF SAND: 30 /

ELEVATION/DEPTH BOTTOM OF HOLE: 30 /

BACKFILL MATERIAL BELOW SAND: N/A

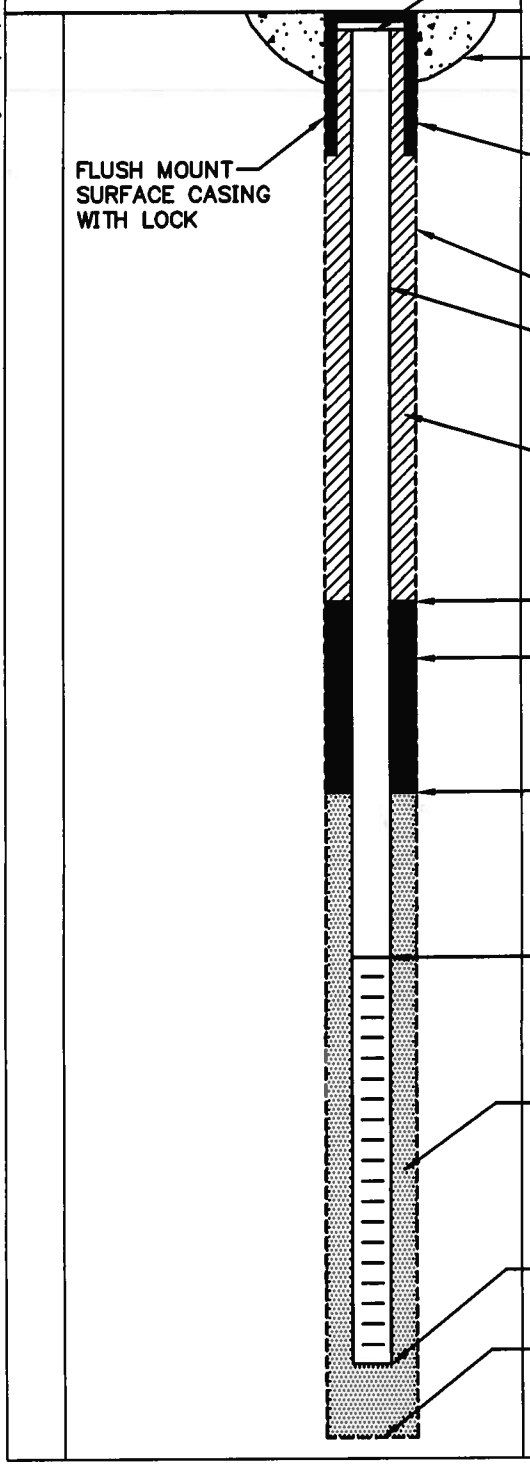
WELL NO.: SEMW-6I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: SEMW-6I	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/9/13	DATE COMPLETED: 9/9/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	

ACAD:FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 6"

TYPE OF RISER PIPE: PVC sch 40

RISER PIPE I.D.: 2" INCH

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 16'/

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18'/

ELEVATION/DEPTH TOP OF SCREEN: 20'/

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10'

TYPE OF SAND PACK: Silica sand
filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30'/

ELEVATION / DEPTH BOTTOM OF SAND: 30'/

ELEVATION/DEPTH BOTTOM OF HOLE: 30'/

BACKFILL MATERIAL BELOW SAND: N/A

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWW-1
DATE: 7/9/13
GEOLOGIST: W. Oniell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0												
							Brown soil, clay to gravel, slightly moist	CL/OH	0.1				
							organics/rootlets						
							med. gray silty clay, slightly plastic, slightly moist	CL	0.1				
							lt. brown silty sand soft, wet	SM					
	5						Brown gray silty clay plastic, slightly moist		0.1				
								CL	0.7				
							dark gray to brown clay plastic, slightly moist						
							Brown orange sandy silt plastic moist	SM	0.2				
	10												
							Brown orange silty sand, soft wet w/ gravel @ 12'-14.'		0.9				
									0.6				
	15								1.2				
							Red brown silty clay, low plasticity v. slight moisture	CL	1.4				
									2.5				
	20												
									2.7				
							Red brown silty sand to sandy silt, slightly plastic, moist	SM	2.9				
	25						Red brown silty clay, slightly plastic, v. slight moisture	CL	3.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWW-1

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWW-1
DATE: 7/9/13
GEOLOGIST: Matt O'Neill
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay, slightly plastic, V slight moisture	CL	3.5				
							Red brown silty sand to sandy silt, low plasticity, moist	SM	1.2				
									8.7				
	30												
							red brown silty sand, soft, wet	SM	3.6				
									4.2				
	35								2.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No Well I.D. #: IWW-1

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWW-2
DATE: 7/8/13 & 7/10/13
GEOLOGIST: W. ONeil
DRILLER: Larry Hansbarger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Brown soil, clay to gravel soft slightly moist	OL/OH	1.4				
							gray brown silty clay slightly plastic, slight moisture	CL					
							very brown silty sand to sandy silt, slightly plastic, slight moisture	SM	3.1				
							Brown silty sand soft moist						
	5						Brown clay, plastic slightly moist	CH	2.4				
							Red brown coarse sand w/silt, soft, wet	SM					
							gray to brown silty clay, med plasticity, slight moisture	CL	0.5				
							Red brown sand to silty sand, soft,		0.3				
	10						moist to wet (at depth it is wetter w/ clay & gravel from 11.5' - 13'	SM	0.6				
									2.4				
							red brown silty clay mod-low plasticity						
	15						very slight moisture		3.6				
							Brown red silty clay, low plasticity		4.0				
							very slight moisture		4.3				
	20							CL					
									3.4				
									5.1				
	25						red brown silty & sandy clay, low plasticity, v. slight moisture		7.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No Well I.D. #: IWW-2

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWW-2
DATE: 7/9/13 - 7/10/13
GEOLOGIST: W. ONeil
DRILLER: Larry Hansbarger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty & sandy clay, low plasticity, very slight moisture	CL	7.3				
									7.1				
									7.8				
	30						red brown silty SAND, soft wet	SM	4.1				
									4.7				
	35								8.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-2

Tech NUS, Inc.

BORING LOG

AME: GW Remediation Blocks E, G & I 2013
NUMBER:
NG COMPANY: Boart-Longyear
LING RIG: Spider Sonic

BORING No.: IWW-3
DATE: ~~7/10/13~~ 7/10/13
GEOLOGIST: W. ONeil
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Brown soil, clay to gravel soft, slightly moist	TOPSOIL	0.8				
							GRAVEL fill						
							gray brown silty clay mod. plasticity, slightly moist	GP	1.0				
							red brown sandy silt w/some clay, mod. plasticity, moist to wet		1.6				
	5						red brown gray silty clay, mod plastic, slightly moist, w/ SAND	CL	1.9				
							MICA (lots) @ 7 feet						
							red brown sandy silt to silty clay, low plasticity slightly moist		1.5				
	10						GRAY BROWN SILTY CLAY plastic, V. slight moisture	CH					
							red brown silty sand w/ gravel, mostly soft, wet		1.3				
							red brown silty clay stiff, V. slight moisture	CL					
							red brown clayey silt, plastic, slightly moist	CH	2.4				
	15								3.1				
							Red brown silty clay, mod. plastic, V. slight moisture	CL	3.7				
							green shales @ 19-20'		5.2				
	20								3.5				
									4.0				
	25								6.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ✓ No _____ Well I.D. #: IWW-3

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWW-3
DATE: 7/10/13
GEOLOGIST: W. Oney
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown sandy silty clay, soft, moist	SM	6.4				
									7.3				
							red brown silty clay						
							low plasticity,	CL	7.9				
	30						v. slight moisture						
									10.0				
							red brown silty sand soft, wet	SM					
							red brown silty clay w/ sand at bottom, med plasticity, slight moisture	CL	10.7				
							gray silty sand, soft wet	SM					
	35						red brown clay w/ gray streaks, dry dense, stiff	CL	14.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: IWW-3

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-4
DATE: 7/11/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Brown soil, clay to gravel soft, moist	OL/CH					
							gray brown silty clay low plasticity, v. slight moisture	CL					
							gray brown silty ~~clay~~ sand, soft, moist	SM					
							dark gray sandy/silty clay soft, moist	CL					
	5						lt gray brown silty clay low plasticity slightly moist / red brown silty sand, soft, moist	CL/SM					
							lt gray brown silty clay by some SAND, moderately plastic, slightly moist	CL					
	10						DARK gray clay plastic, slightly moist	CH					
							red brown clay stiff, low plasticity, dry	CL					
							lt gray clayey silt, plastic slightly moist / red brown clay, stiff low plasticity, dry	CH					
	15						red brown silty & sandy clay, mod. plastic, slightly moist	CL					
	20						red brown clay to silty clay, stiff low plasticity, very slight moisture						
	25												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): ND

Converted to Well: Yes X No _____ Well I.D. #: IWW-4

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-4
DATE: 7/11/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown clay to silty clay, stiff low plasticity, very slight moisture	CL					
	30						red brown silty clay w/ sand, med. plasticity slight moisture	CL					
							red brown silty sand, soft, wet	SM					
	35						red brown gray clay dense stiff dry	CL					

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ✓ No ____ Well I.D. #: IWW-4

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-5
DATE: 7/15/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						brown soil, clay to sand, soft, slightly moist	OL/OH	0.3				
							gray silty clay, slightly plastic very slight moisture	CL	0.0				
	5						DARK Gray & Brown silty clayey sand, low plasticity, wet	SM	0.2				
							gray/red-brown clay plastic, moist	CH					
							red brown silty clay, mod. plasticity, very slight moisture	CL	0.4				
	10						~~[illegible]~~ med gray brown clay mod plastic, v. slight moisture		0.7				
							gray silty to clayey sand, soft, wet	SM	1.4				
									1.1				
	15						red brown silty clay, low plasticity, very slight moisture	CL	0.7				
							gray streaks @ 15'-17', green streaks @ 18'-19'						
									1.0				
									0.7				
	20												
							red brown sandy/clayey silt soft plastic, moist (clay) to wet (sand)	CH	1.5				
							red brown silty clay, slightly plastic, v. slight moisture	CL					
							red brown clayey silt w/ sand, med. plasticity, slightly moist	CL	1.3				
	25						med brown silty clay to clay low plasticity, dry w/ moist lenses of sand @ 25.5'-26' and 26.5-27'	CL	1.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWW-5

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-5
DATE: 7/15/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown sandy clay to clay, low plasticity		1.9				
							dry w/ moist sand		2.3				
							lenses @ 25.5-26' and 26.5'-27'	CL					
									2.0				
	30						red brown silty sand soft, wet	SM					
							red brown silty clay stiff, dry	CL	2.4				
							red brown silty sand soft, wet	SM	2.9				
	35						red brown clay stiff, dry	CL	1.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No Well I.D. #: IWW-5

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-6
DATE: 7/15/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Brown soil, clay to gravel soft, wet	CL/OH	1.0				
							Dk brown/gray silty clay low plasticity, V. slight moisture						
							Brown to gray clayey silt to silty clay, med. plasticity, moist	CL	0.2				
	5						Brown silty sand soft, wet	SM	0.1				
							Brown gray silty clay low plasticity, very slight moisture	CL	0.1				
									0.3				
	10						Brown silty clay to clay, plastic, slightly moist	CH					
							Brown silty sand, soft wet	SM	0.2				
							red brown clay to silty clay slightly plastic V. slight moisture						
							Red brown silty sandy clay slightly plastic slightly moist to moist		0.4				
	15						red brown silty clay slightly plastic V. slight moisture		0.4				
									0.5				
								CL					
							red brown silty clay to clay, dense,		0.0				
	20						slightly plastic, very slight moisture to dry		1.1				
									1.9				
	25						red brown clay dense, stiff, dry		2.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No Well I.D. #: IWW-6

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-6
DATE: 7/15/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25												
									2.3				
							red brown silty clay, slightly plastic, v. slight moisture	CL	1.4				
									2.1				
	30						red brown silty sand, soft wet	SM					
							red brown silty clay dense, stiff, dry	CL					
							red brown silty sand, soft, wet	SM	3.6				
							red brown silty clay, slightly plastic, v. slight moisture w/ moist sand lens @ 32'	CL					
							red brown gray silty sand, slightly plastic	wet SM	3.5				
							red brown clay dense, stiff, dry	CL	1.6				
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWW-6

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-7
DATE: 7/16/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Brown soil, clay to gravel soft moist	CL/GL	1.1				
							Dark gray clayey silt low plasticity, moist						
							Brown to gray silty clay	CL	0.9				
							slightly plastic, slightly moist						
	5						gray silty sandy clay plastic, wet	CH	0.7				
							Brown silty SAND soft, wet w/ clay lens near base	SM	0.9				
							Brown silty clay, slightly plastic, V. slight moisture						
							Dark gray slightly silty clay plastic, slightly moist		0.5				
	10						Brown clayey silt low plasticity slight moisture						
							med gray silty clay mod. plasticity, slight moist		0.8				
							rust brown silty sand slightly plastic, moist						
								CL	0.8				
							red brown silty clay to clay, mod. plasticity V. slight moisture						
	15								0.8				
									1.5				
							red brown silty clay w/ gray bands						
							@ 17'-18' & green streaks @ 18-20',		1.7				
	20						slightly plastic,						
							V. slight moisture		3.2				
								CL					
									2.1				
							red brown silty & sandy clay, mod.						
	25						plastic, slightly moist.		3.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 6.2

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-7

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-7
DATE: 7/16/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						Red brown silty & sandy clay, mod. plastic slightly moist	CL	3.0				
									3.1				
							Red brown clay dense stiff, dry		3.0				
	30						red brown silty SAND, soft, wet	SM					
							red, brown, gray silty clay, slight to mod. plasticity v. slight moisture	CL	3.4				
									3.0				
	35						red brown SANDY silt, low plasticity moist to wet, some black streaks	SM	1.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.2

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-7

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112SC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-8
DATE: 7/17/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Brown soily clay to gravel, soft, wet	CL/GM	0.0				
							gray brown silty clay, plastic slightly moist	CH					
							gray silty clay low plasticity very slight moisture	CL	0.0				
	5						Brown silty sand soft wet	SM	0.0				
							Brown gray silty sandy clay, mod. plastic to plastic, slightly moist	CL	0.6				
							gray silty clay, plastic moist	CH					
									0.9				
	10						Brown silty clayey sand w gravel, low plasticity	SC					
							moist to wet		1.3				
							red brown silty clay to clay, mod. plastic, v. slight moisture to dry	CL	1.3				
	15								1.3				
							gray clay, mod. plasticity dry		0.0				
							red brown silty clay mod plasticity very slight moisture		0.7				
	20								0.6				
							gray sandy silty clay plastic, slightly moist	CH/SC					
							red brown silty clay to clay, stiff very slight moisture w/ moist sand lens @ 24.5'	CL	0.6				
	25								2.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-8

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWW-8
DATE: 7/17/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay to clay, stiff, very slight moisture to dry	CL	2.2				
							red brown, silty, clayey, sand, soft, moist	SM	1.8				
							red brown silty clay mod. plasticity, v. slight moisture	CL	1.6				
	30						red brown silty clayey sand, soft, wet; red brown silty clay, stiff very slight moisture	SM CL					
							red brown sandy silt to clay plastic, moist	CH	0.3				
							red brown silty sand soft wet	SM					
							red brown silty clay, stiff, very slight moisture to dry w/ gray streaks @ 34'-35'	CL	0.2				
	35								0.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWW-8

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-9
DATE: 7/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Asphalt ≈ 2"						
							Black to dark gray fill silt to gravel	GP	0.9				
							low plasticity, moist gray clayey silt to silty clay, low plasticity, v. slight moisture	CL					
							gray to rust brown silty sand, low plasticity, moist	SM	1.8				
	5								2.1				
							rust brown silty sand, soft, wet		1.3				
							rust brown silty clay, mod. plastic very slight moisture	CL	2.1				
	10						gray clay to silty clay plastic,	CH					
							slightly moist		1.4				
							gray clay plastic, very slight moisture		2.1				
							red brown silty clay mod. plastic, v. slight moisture	CL					
	15						Brown silty & sandy		2.3				
							clay, plastic	CH					
							slightly moist		2.6				
							light reddish brown silty sandy clay, mod. plastic, v. slight moisture						
							reddish brown clay, mod plastic, v. slight moisture	CH	4.0				
	20						reddish brown silty sandy clay mod. plastic, v. slight moisture		3.1				
							rust brown						
							silty sand w/ some clay, plastic to soft, moist to wet	SM	1.3				
	25								3.8				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-9

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112C04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-9
DATE: 7/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						rust brown silty sand w/ some clay, plastic to soft, moist to wet	SM	3.8 4.2 1.6 3.9 5.0 4.4				
	30												
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-9

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112C04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-10
DATE: 7/31/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						ASPHALT red gray clay		2.6				
							dense stiff, dry	CL					
							rust brown/gray clay, plastic, slightly moist	CH	1.5				
							rust brown sandy, silty clay low to mod. plasticity, slightly moist to v. slight moisture	CL					
							rust brown sandy clay, low plasticity, slightly moist						
	5						red brown sand to silty sand, soft, wet	SM	0.8				
							red orange gray silty clay low plasticity, very slight moisture	CL					
							red orange gray clay plastic, slightly moist	CH	0.9				
							red orange gray clay to silty clay, low to mod plasticity, slightly moist to v. slight moisture	CL	1.1				
	10						gray silty clay, plastic moist	CH	0.9				
							gray sandy clay, plastic moist						
							gray clay to silty clay plastic, very slight moisture	CH	0.4				
							reddish gray silty sandy clay, low plasticity, very slight moisture @ grained @ 14.75'-15.25'	CL	0.9				
	15												
							reddish brown silty clay, mod. plasticity, slightly moist to v. slight moisture		1.2				
									1.1				
	20												
							red brown silty sand soft, wet	SM	1.5				
							red brown silty clay, mod. plastic, slightly moist	CH					
							red brown silty sand soft, wet	SM	1.5				
							red brown silty clay						
	25						mod. plastic, slightly moist	CL	1.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.2

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-10

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-10
DATE: 7/31/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay, mod plastic, slightly moist	CL	1.4				
									1.4				
							rust brown silty sand, soft, wet	SM	2.2				
	30												
							silty clay @ 33-33.5 & 34'-35'		4.2				
									4.9				
	35								4.1				
							red to pale red sand, soft wet						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No ____ Well I.D. #: IWW-10

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-11
DATE: 7/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						8" brown soil over fill, clay to gravel	CL/OH	0.5				
							loose, moist Brown clayey silt, low	CL					
							Plasticity, slight moisture		0.6				
							reddish brown						
	5						silty sand, soft	SM	0.9				
							moist to wet						
									1.1				
							orange brown silty clay, moderate plasticity very slight moisture						
								CL	1.0				
	10						gray clay, stiff, med. plasticity, V. slight moisture						
							of plastic clay @ 9'-10.5'		2.1				
							Brown silty sand & clay & gravel, soft, plastic, wet	SM					
									1.8				
							red brown silty						
	15						clay to clayey silt w/ some SAND,	CL	2.4				
							mod. plastic, very slight moisture to						
							slightly moist		2.7				
									2.3				
	20												
							red brown silty		4.5				
							clayey sand, plastic						
							moist to wet	SM	6.1				
	25								7.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-11

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-11
DATE: 7/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clayey SAND, plastic, moist to wet	SM	7.9				
							gray silty clay, plastic very slight moisture	CH	6.1				
							red brown silty clay, mod plastic, v. slight moisture		5.3				
	30												
							Red brown clay	CL	3.8				
							stiff, mod. plastic						
							very slight moisture		4.3				
	35								2.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-11

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic

BORING No.: TWW-12
DATE: 10/1/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Hi brown SANDY fill w/ gravel, slightly moist low plasticity	SP	1.6				
							rust brown sandy clay, slightly moist, mod/high plasticity	MH	1.4				
							rust brown sand, moist, low plasticity	SW					
							rust brown silty sand, moist	SM					
	5						(low plasticity) orange brown sandy silt/clay, very slight moisture, low plasticity		2.3				
							rust brown & gray, silty clay very slight moisture low plasticity						
							gray silty clay very slight moisture, low plasticity	ML	1.9				
							rust brown clay, very slight moisture, mod/high plasticity	CH	2.1				
	10						gray clay, V. slight moisture mod/high plasticity		1.4				
							gray clay, V. slight moisture, stiff, low plasticity	CL					
							gray clay w/ gravel, slightly moist, mod/high plasticity	MH	2.6				
	15						red brown silty sandy clay	ML	1.4				
							V. slight moisture, low plasticity						
							red brown silty clay, v. slight moisture, mod/high plasticity	MH	2.4				
							red brown clayey sand, moist, low plasticity	SC					
									1.4				
	20						red brown sandy clay, slight moisture, plastic	ML					
							low plasticity red brown to gray, clayey sand, moist, low plasticity	SC	1.1				
							red brown sandy clay very slight moisture low plasticity	ML	1.3				
	25								1.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.2

Converted to Well: Yes x No _____ Well I.D. #: TWW-12

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic

BORING No.: I WW-12
DATE: 10/1/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown sandy clay	SC	1.9				
							V. slight moisture w/ low plasticity w/	ML	1.8				
							clayey sand lenses @ 25-25.5' & 29-29.5'						
									1.6				
	30							SC / ML					
							red brown to gray silty clayey sand, wet		2.0				
							low plasticity	SM/SC	3.3				
							red brown silty clay, V. slight moisture, low/mod plasticity	CL/CH	2.4				
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 8.2

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: I WW-12

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic

BORING No.: IWW-13
DATE: 9/30/13
GEOLOGIST: Walter O'Neill
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						light brown sand fill, w/ gravel, slightly moist, low plasticity	SP	0.4				
							rust brown silty sand, moist, low plasticity	SM	1.9				
	5								1.5				
							rust brown silty sandy clay v slight moisture, friable, low plast.	ML					
							brown silty clay, v low slight moisture, stiff low plasticity	CL	1.5				
							Brown to gray clay to silty clay, very slight moisture, pliable	CH/MH	1.3				
	10												
							gray silty clay, moist, low sand plasticity	SM	1.7				
							gray clay, v. slight moisture, pliable	CH					
							gray clay w/ trace to gravel slightly moist, pliable	MH					
							red brown silty sandy clay, v slight moisture pliable, med/high plasticity	MH	1.7				
							red brown clay v slight moisture med to high plasticity	CH					
	15						red brown plastic clay		0.7				
							v slight moisture, mixed w/ clayey sand, wet, low plasticity	CH	1.1				
							red brown silty sand, wet, soft, low plasticity	SM	1.9				
	20						reddish gray clayey sand wet, low plasticity	SC	1.3				
							reddish gray silty sand, wet, soft, low plasticity	SM	3.1				
							reddish gray silty sandy clay, V. Slight moisture, low plast.	ML					
	25						reddish gray silty sand wet, low plasticity	SM	1.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No ____ Well I.D. #: IWW-13

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic

BORING No.: IWW-13
DATE: 9/3/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						reddish gray silty sand, wet, low plasticity	SM	1.5				
							reddish gray silty sandy clay, V. slight moisture, high plasticity	CH	2.2				
							reddish gray silty sandy clay, wet	SM					
							low plasticity reddish gray silty sandy clay, slight moisture, low plasticity	SC	5.5				
	30						rust brown silty sand, wet, low plasticity	ML					
							gray, silty sand, wet low plasticity	SM	11.4				
							red brown & gray clay, V. slight moisture, flakey mod/high plasticity	CH	7.4				
	35								1.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-13

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-14
DATE: 9/30/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Hi brown sand till w/ gravel, slightly moist low plasticity	SP	0.6				
							rust brown silty sand, wet, soft, low plasticity	SM	0.8				
	5								1.4				
							brown gray, silty clay, v. slight moisture, low plasticity		0.6				
							brown silty clay, v. slight moisture, low plasticity	CL	0.9				
	10												
							gray brown clay, v. slight moisture, high plasticity plastic	CH	0.8				
							red brown sandy silty clay, v. slight moisture mod. plasticity		1.1				
	15							ML	1.4				
									2.1				
							red brown to gray silty to clayey sand, moist to wet	SM SC	1.4				
	20						red brown silty clay, v. slight moisture, low plasticity stiff	CL					
							gray brown clayey sand, wet, mod soft	SC	1.5				
							red brown silty clay, v. slight moisture, low plasticity	CL					
							reddish gray silty sand w/ clay, wet, mod soft, low plasticity	SM SC	3.4				
	25								5.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-14

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic
BORING No.: IWW-14
DATE: 9/30/13
GEOLOGIST: Walter O'Neil
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						reddish gray silty sand w/ clay, wet, mod soft, low plasticity	SM/SC	5.9				
							reddish gray clayey sand, wet, soft, low plasticity	SC	3.9				
									5.4				
	30						reddish gray silty sand w/ clay, wet, mod. soft, low plasticity	SM/SC	18.8				
							red brown & gray clay w/ some silt, med plasticity to 34', & more plastic below 34', V. slight moisture	CL/MH	5.7				
	35								1.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-14

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-15
DATE:
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Dark brown soil, clay to gravel, soft, slightly moist	CL/OH	1.6				
							reddish brown silty clay, low plasticity, friable, v. slight moisture	CL					
							yellow/brown silty clay to sandy clay, plastic, slightly moist to moist	CH	2.9				
	5						Brown silty clay, low plasticity, very slight moisture to dry		1.2				
							Brown clay to silty clay, friable dry		1.9				
									2.0				
	10						Brown clay to silty clay, slightly plastic, v. slight moisture - gray bands at 13	CL	4.3				
									4.7				
	15						red brown gray silty clay, mod. plastic, very slight moisture		3.0				
							red brown silty sandy clay, plastic, slightly moist	CH	4.3				
							Red brown silty clay, plastic, very slight moisture	CH	2.8				
	20								2.5				
							red brown silty sand, soft, wet	SM	2.3				
	25								4.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No Well I.D. #: IWW-15

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-15
DATE:
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sand, soft, wet	SM	4.0				
									4.0				
									4.8				
	30						red brown gray clay mod. plastic, very slight moisture to dry	CL	3.2				
							red brown silty sand, soft, wet	SM	2.1				
	35						reddish brown silty clay, slightly to mod. plastic, very slight moisture	CL	1.9				

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No Well I.D. #: IWW-15

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic

BORING No.: IWW-16
DATE: 10/2/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						lt. brown SAND Fill w gravel, slightly moist, low plasticity	SP	0.6				
							brown sandy clay, very slight moisture, low/med plasticity	CL	6.8				
	5						wet brown silty sand w some clay, moist to wet soft	SM/SC	1.9				
									1.4				
	10						rust brown sandy clay moist, low plasticity	ML	1.6				
							gray brown clay w some silt, v. slight moisture plastic, med/high plasticity	CH	1.8				
							gray brown clay w some silt & gravel, slight moisture med/high plasticity	MH	2.1				
							red brown silty clay, very slight moisture, low plasticity	CL					
	15						red brown/gray clayey sand to sandy clay, slight moisture, low plasticity	SC/ML	3.0				
									2.4				
							red brown gray, sandy silty clay, v. slight moisture, low plasticity		2.9				
	20							ML	1.8				
									2.4				
	25								5.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-16

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic
BORING No.: IWW-16
DATE: 10/2/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						reddish gray clayey sand, moist, low plasticity	SC	5.6				
							reddish gray, sandy silty clay, v. slight moisture, low plasticity	ML	1.1				
	30						gray silty sand, soft, wet, low plasticity	SM	7.1				
									5.0				
									3.5				
	35						red brown & gray clay, v. slight moisture, high plasticity	CH	3.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-16

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade
DRILLING RIG: Spider Sonic

BORING No.: IWW-17
DATE: 10/1/13
GEOLOGIST: Walter O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						H. brown sandy fill w/ gravel, slight moisture		0.7				
							low plasticity	SP					
									0.6				
							rust brown, silty sand						
	5						moist to wet, low plasticity	SM	1.3				
									1.5				
							orange brown silty clay v. slight moisture,						
							low plasticity	CL	1.6				
	10												
							gray silty clay w/ gravel v. slight moisture	MH	2.2				
							flakes						
							reddish brown, silty		1.8				
							sandy clay mix, very slight moisture, low	ML					
	15						to moderate plasticity		1.8				
							reddish brown clayey sand, slightly moist		2.8				
							low plasticity	SC					
							reddish brown silty		2.2				
	20						sandy clay, v. slight moisture, low plasticity	ML					
							reddish brown clayey sand slightly moist, low plasticity	SC	2.4				
							reddish brown silty sandy clay, v. slight moisture, low plasticity	ML					
							reddish brown silty sand, wet, soft, low plasticity	SM	4.2				
							~~reddish brown silty sandy clay~~ v. slight moisture, low plasticity	ML					
	25						reddish brown silty sand, wet to moist, low plasticity	SM	5.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.3

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-17

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-17
DATE: 10/1/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						reddish brown silty sand, wet to moist, low plasticity	SM	5.3				
							reddish brown silty sandy clay, v. slight moisture, low plasticity	MC	6.6				
							reddish brown (top) to gray (below 31') silty sand, wet, soft, low plasticity		5.6				
	30							SM					
									2.6				
									3.8				
							red brown clay to silty clay, v. slight moisture, med to high plasticity w/ 2" green gravel layer @ 34'	CH					
	35								2.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-17

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-18
DATE: 9/24/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						lt brown sand fill, w/ gravel moist, low plasticity	SP	1.6				
									3.8*				
							red brown silty sand, moist, soft, low plasticity	SM					
	5								3.9*				
							rust brown/yellow clayey silt, moist, low plasticity	ML					
							rust brown, yellow silt, moist low plasticity	ML	4.9*				
							rust brown/yellow clayey silt w/ fine sand, moist low plasticity	ML	8.1*				
	10												
							gray clay, v. slight moisture mod/high plasticity	CH	9.0*				
							clay w silt & sand, brown, v. slight moisture, high plasticity	MH	2.9				
							red brown sandy silty clay, slight moisture, mod/high plasticity						
	15						A jacket of red brown clay, v. slight moisture, mod high plasticity surrounding A cone of brown silty sand, wet, low plasticity	SC & MH	3.0				
									3.9				
									3.1				
	20						red brown silty clay, v. slight moisture, low plasticity same as here	CL SC & MH					
							red brown sandy clay, very slight moisture to moist low plasticity	ML	3.1				
							red brown silty sand,		2.2				
							belt, low plasticity w/ clayey sand @ 24-24.5'	SM SC					
	25								3.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * condensation in bags

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-18

Tetra Tech NUS, Inc.

BORING LOG

IWW-18

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-18
DATE: 9/24/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						wet brown silty sand, wet, low plasticity w/ clayey sand @ 26-26.5	SM - SC	3.1 3.5				
								SM	5.4				
	30								6.6				
							gray silty sand, wet low plasticity	SM	4.8				
							wet brown/gray, clay, very slight moisture, med/high plasticity	CH					
	35						wet brown clay, very slight moisture, med/high plasticity		2.5				

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-18

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-19
DATE: 9/24/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0												
							lt. brown sand fill w/ gravel slightly moist, low plasticity	SP	1.1				
							red brown silty sand, soft, moist, low plasticity	SM	1.4				
	5								1.1				
							rust brown/yellow clayey silt w/ fine sand, moist to slightly moist, low plasticity	ML	1.5				
							gray silty clay w/ fine sand, slightly moist, low plasticity		1.4				
	10												
							red brown mix of gravel sand, silt & clay, moist to wet, low plasticity	GM/ML	1.2				
							red brown silty clay, very slight moisture, low plasticity	CL	0.8				
							red brown clayey sand, ~~[illegible]~~ moist, low plasticity	SC	0.8				
	15												
							red brown silty clay, very slight moisture, low plasticity	CL	0.9				
							red brown to gray clayey sandy silt, moist, low plasticity	ML	1.0				
	20												
							red brown silty sand, soft, wet, low plasticity	SM	0.6				
									3.6				
							red brown green silty clay w/ sand, slight moisture, low plasticity	ML					
	25						red brown silty sand w/ some clay, wet, soft, low plasticity	SM	6.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWW-19

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWG-19
DATE: 9/24/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sand w some clay soft, wet, low plasticity	SM	6.4				
									3.0				
									4.2				
	30						red brown sandy clay, v. slight moisture, mod/high plasticity	CH	0.7				
									1.0				
							red brown clay w some silt v. slight moisture, mod/low plasticity	CL	1.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes Y No _____ Well I.D. #: IWG-19

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-20
DATE: 9/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						ft. brown sand fill w/ gravel, moist to low plasticity	SP	1.4				
							Brown silty clayey sand, moist, low plasticity	SM/SC	2.0				
							rust brown & gray, silty clay, pliable, mod to high plasticity, v. slight moisture	MH	1.5				
	5						rust brown to gray silty clay, very slight moisture low plasticity	CL	3.2				
							rust brown clayey silt w/ fine sand, moist low plasticity	ML	6.1				
	10								1.1				
							gray brown clayey & silty sand, moist low plasticity	SM	1.2				
	15							ML	1.2				
							gray red brown clay to silty clay, v slight moisture high plasticity, w/ silty sand lens, moist, low plasticity	MH	1.9				
							red brown clay, v. slight moisture high plasticity w/ clayey sand lens @ 19.5'	CH	1.6				
	20							SC/CH					
							red brown silty sand, wet, soft, low plasticity	SM	1.5				
							red brown clay, very slight moisture, pliable mod/high plasticity	CH	3.8				
	25						red brown silty sand wet soft low plasticity	SM	3.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-20

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: DWW-20
DATE: 9/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								3.4				
							red brown silty sand		5.9				
							wet, soft, low						
							plasticity	SM	8.0				
	30												
									2.6				
							red brown & gray		1.6				
							clay, v. slight moisture to dry, plastic						
	35						mod to high plasticity	CH	1.8				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ✓ No _____ Well I.D. #: FWW-20

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-21
DATE: 9/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						lt. brown sand Fill w gravel, moist low plasticity	SP	0.6				
							gray, green, black, brown silty sand, clay mix, slightly moist low plasticity	ML	1.7				
	5								1.9				
							red brown clayey sand slightly moist low plasticity	SC					
							rust brown + gray silty clay v. slightly moist, low plasticity		1.9				
								CL					
							dust brown silty clay v. slight moisture, low plasticity stiff		1.5				
	10												
							Brown clay v. slightly moist, pliable, med/high plasticity	CH	1.9				
							brown silty sandy clay moist low plasticity	ML	2.2				
							red brown silty clay, v. slight moisture, stiff, low plasticity	CL	2.9				
	15												
							red brown clay v. slight moisture, med to high plasticity	CH	3.0				
							red brown & gray silty clay w/ sandy layers, slightly moist low plasticity	CL/ML	2.9				
	20						red brown clay, v. slight moist med/high plasticity	CH					
							red brown clayey to silty gravel wet, soft low plasticity	SM/SC	1.2				
							red brown clay w silty clay @ 24'-25', very slight moisture, pliable, med/high plasticity	CH	1.6				
	25							CL	2.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-21

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-21
DATE: 9/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown clay, v. slight moisture, pliable, mod/high plast.	CH	2.5				
							red brown to gray, mixed clay, v. slight moisture & high plast. w/ silty sand, moist w/ low plasticity	SM/CH	← mixing of sand/clay due to bypassing * 4.0				
							gray sand to silty sand, wet low plasticity	SW/SM	8.2				
	30						red brown to gray clay, v. slight moisture, mod/high plasticity	CH					
							red brown silty sand, wet w/ clay soft, low plasticity	SM/SC	9.6				
							red brown + gray clay to silty clay, v. slight moisture mod/high plasticity	CL/CH	2.0				
	35								1.1				
							Note: driller encountered sand at TD that was not recovered in the core barrel sand pushed 17' up into the casing. Therefore it is likely there is sand near or below 35'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * possible that sand interval is thicker than is represented on this log

Drilling Area Background (ppm): 0.0

Converted to Well: Yes k No _____ Well I.D. #: IWW-21

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-22
DATE: 9/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
	0						lt. brown sand fill & gravel, moist	SP	1.5				
							dark brown to gray & rust brown silty clay & sand, moist, med-high plasticity	MH	2.1				
	5								1.9				
							rust brown to gray silty clay, very slight moisture, low to med plasticity		2.6				
									1.8				
	10							CL					
									1.9				
							red brown silty clay, very slight moisture, low plasticity		1.8				
	15								2.5				
									3.0				
							red brown clay, very slight moisture to dry, pliable, plastic		3.0				
	20							CH					
									1.3				
							red brown to gray mixed silty clay, very slight moist and clayey sand, slightly moist low plasticity	ML/SC	2.8				
	25						red brown silty sand w/ clay wet, low plasticity	SM/SC	2.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWW-22

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-22
DATE: 9/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						see prev. pg red brown silty clay, very slight moisture, low plasticity	← SM/SC CL	2.4				
							red brown silty sandy clay, moist (stiff) low plasticity	ML	3.4				
							gray silty sand, wet, soft low plasticity	← SM	3.6				
	30						red brown & gray clay, flakey, mod/high plasticity	CH	2.2				
									2.4				
	35								2.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.2

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-22

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-23
DATE: 9/22/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	(0)						lt brown sand fill w/ gravel, slightly moist, low plasticity	SP	1.1				
									2.2				
							rust brown silty sand, soft, wet, low plasticity	SM					
	5						rust brown clayey sand, wet, soft, low plasticity	SC	2.4				
							rust brown silty sand, wet soft low plasticity						
									1.8				
								SM					
									1.5				
	10						rust brown to gray silt & clay w/ fine sand moist						
							mod soft, low plasticity gray silt + clay, w fine sand, moist, and soft, low plasticity	ML	2.2				
							red brown to yellow brown silty clay, very slight moisture, stiff, low plasticity		2.3				
	15								3.2				
								CL					
							red brown silty clay v. slight moisture, stiff w/ clayey sand lens @ 16'-16.5', sand is moist	SC	2.8				
							low plasticity	CL	2.9				
	20												
									2.1				
							red brown silty clay w/ rock frags & some sand @ 22-22.5', very slight moisture, stiff low plasticity	CL	5.1				
	25								5.7				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

Converted to Well: Yes x No _____ Well I.D. #: IWW-23

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-23
DATE: 9/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks: PID/FID Reading (ppm)	Sample	Sampler BZ	Borehole**	Driller BZ**
							Dark gray SAND w/ gravel, wet, low plasticity	SP	5.7				
							lt. gray silty SAND, wet soft, low plasticity	SM	7.0				
							red brown gray silty ~~clay~~ w/ sand, wet, higher moisture, low plasticity	ML					
									2.9				
	30						red brown clay, very						
							slight moisture, pliable	CH	2.1				
							mod to high plasticity w/ green gravelly						
							material @ 32'-33'		2.4				
	35								2.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWW-23

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-24
DATE:
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						ft. brown sand fill w/ gravel, slightly moist low plasticity	SP	0.8				
							red brown clayey sand moist, soft, low plasticity	SC	1.2				
	5						red brown sandy clay moist to slightly moist, stiff low plasticity	CL	2.2				
							red brown silty sand w/ some clay, moist soft, low plasticity	SM	2.6				
							red brown sandy clay moist to slightly moist / low plasticity red brown silty sand / moist low plasticity	CL / SM					
							rust brown to gray silty clay w/ fine sand, moist, low plasticity	CL	2.0				
	10						gray silty clay w/ fine sand, moist, low plasticity	ML	1.3				
									3.0				
							red brown silty sand + gravel, wet low plasticity	GM/ML					
	15						Brown silty clay, very slight moisture, stiff low plasticity	CL	2.4				
							red brown silty clay very slight moisture mod to high plasticity	CH/ML	2.7				
							gray clayey sand, moist, mod soft low plasticity	SC	4.8				
	20								2.1				
							red brown silty clay very slight moisture w/ sandy interval @ 22'-23' low plasticity	CL / ML / CL	3.1				
	25								9.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: * plastic silty clay above clayey sand resulted in bypassing of sand past clay. Interface between these 2 intervals may be 1-2 feet lower

Converted to Well: Yes X No _____ Well I.D. #: IWW-~~20~~ 24

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-24
DATE:
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty SAND w some clay @ 25-25.5' and 26.5'-27', wet to moist, low plasticity	SM	ML	9.4			
									ML	7.8			
								SM		8.8			
	30												
										5.4			
							red brown silty clay very slight moisture w gray streaks @ 31.5'-32.5' and greenish gray @ 34'-34.5' plastic	CL		2.1			
	35						wet med/high plasticity	MH		1.6			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No Well I.D. #: IWW-24

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-25
DATE: 9/21/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						lt brown sand fill w/ gravel, slightly moist, low plasticity	SP	1.4				
									2.6				
							brown clayey sand, moist						
	5						med brown silty sand, moist, soft, low plasticity	SC	3.0				
								SM					
							rust brown to gray, silty clay w/ some very fine sand, moist, med stiff low plasticity		1.9				
								ML	1.9				
	10						med gray silty clay & fine sand, moist, mod stiff, low plasticity		2.5				
							Brown to red brown, sand, silt clay & gravel, moist, mod soft, low plasticity	MH/GM	1.9				
							red brown silty clay, very slight moisture, stiff low plasticity	CL	3.1				
	15												
							red brown silty clay w/ sand v. slight moisture, plastic	MH	2.8				
							red brown clayey sand to sandy clay w/ silt, slightly moist to moist, low plasticity	ML	2.3				
	20												
							red brown clayey silty sand w/ gravel, wet low plasticity	MH/GM	1.7				
							red brown, some gravel silty clay, moist, stiff, low plasticity	ML	3.2				
							red brown clayey sand, moist mod soft, low plasticity	SC					
	25						red brown sand, silt & clay moist, low plasticity	SC/ML	3.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-25

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-25
DATE: 9/21/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown sand & silt & clay, moist, low plasticity	ML	3.9				
							gray silty sand, wet low plasticity	SM	7.4				
							red brown gray silty clay very slight moisture, stiff low plasticity	CL	3.7				
	30						red brown silty clay, very slight moisture, plastic						
							mod/high plasticity	CH	2.4				
							red brown silty clay, very slight moisture, low plasticity						
							red brown clay, very slight moisture, stiff mod/high plasticity	CL/CH	1.9				
							red brown silty clay, very slight moisture, stiff, low plasticity w/ gray color	CL	1.5				
	35						@ 33.5-34' & green gravelly lenses @ 34.5'-35',						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-25

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-26
DATE: 9/21/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Lt. brown SAND, fill w. gravel, slightly moist low plasticity	SP	0.3				
									1.0				
							red brown silty sand, wet, mod stiff, low plasticity	SM					
	5						rust brown to gray, silty clay, slightly moist to moist, stiff, low plasticity	CL	1.1				
							medium gray, silt, clay & very fine sand, slightly moist to moist stiff, low plasticity	ML	1.8				
									1.6				
	10												
									1.1				
							mod gray silty clay, very slight moisture, stiff, low plasticity	CL					
							red brown to brown, clay silt sand & gravel, wet low plasticity	MH/GC	1.4				
							red brown, silty clay, w/ slight moisture low plasticity, stiff	CL					
	15						red brown sand, silt & clay, wet moist, low plasticity is mod/high	MH	1.8				
							red brown silty clay, very slight moisture, low plasticity	CL					
							red brown sand, silty clay mushy mod to high plasticity	MH	1.3				
							red brown silty clay, very slight moisture, stiff low plasticity	CL					
							red brown silty sand, wet, low plasticity, soft		1.3				
	20												
								SM	4.8				
									4.9				
							gray brown clayey sandy wet mod soft, low plasticity	SC					
	25						gray brown silty sand, wet, soft, low plasticity	SM	5.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-26

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-26
DATE: 9/26/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						gray brown silty sand, wet soft, low plasticity	SM	5.3				
							gray brown clayey sand to sandy clay, wet, stiff low plasticity	SC/ML	5.2				
							Brown to red brown & gray streaks, silty clay, v. slight moisture, plastic mod to low plasticity	MH	3.9				
	30								2.7				
							red brown to gray silty clay stiff, low plasticity	CL	1.4				
							very slight moisture						
	35						red brown silty clay, very slight moisture, stiff mod/high plasticity	MH	1.7				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-26

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-27
DATE: 9/20/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						lt. brown sand fill w/ gravel, slightly moist, low plasticity soft	SP	2.6				
							Black to gray sandy wet low plasticity, soft	SW	2.8				
	5						red brown silty sand, wet low plasticity, soft	SM	3.2				
							rust brown silty clay, very slight moisture stiff, low plasticity	CL	2.7				
							brown silty sand, wet, soft low plasticity	SM	2.5				
	10						gray silty clay, slightly moist, med soft, low plasticity	CL	2.8				
							red brown & gray, silty sandy clay w/ gravel, slightly moist med/high plasticity, pliable	MH	2.7				
							red brown silty sandy clay, slightly moist, med/high plasticity, pliable						
							Brown silty sand, wet, soft low plasticity	SM	3.5				
	15						red brown & green silty clay, very slight moisture, stiff, low plasticity	CL					
							red brown silty sandy clay, slightly moist, stiff low plasticity	ML	3.6				
							red brown silty clay, very slight moisture, stiff low plasticity	CL					
							red brown silty clay, very slight moisture, stiff low plasticity, some						
							Mix w/ gray sandy wet soft low plasticity	SM/CL	3.1				
	20						red brown silty sand, wet soft, low plasticity	SM					
							red brown silty clay, very slight moisture, low plasticity	SM					
							red brown silty sand, wet, soft, low plasticity	SM/SW	3.7				
							red brown clayey sand wet, soft, low plasticity	SC	4.4				
							red brown silty sand wet, soft low plasticity	SM					
	25								8.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0

Converted to Well: Yes X No _____ Well I.D. #: IWW-27

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-27
DATE: 9/20/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty sand, wet, soft, low plasticity	SM	8.4				
									9.9				
							red brown w/ gray streaks silty clay, V. slight moisture low plasticity	CL	4.3				
	30												
							red brown silty clay, very slight moisture, stiff, low plasticity w/ 2" interval of gravel @ 31.5'	CH	1.3				
									1.4				
	35								1.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-27

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-28
DATE: 9/20/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						light brown sand fill w/ gravel, slightly moist low plasticity	SP	1.2				
									1.5				
							rust brown silty sand, wet soft low plasticity	SM					
	5						Brown silty sand, wet soft, low plasticity		2.1				
							rust brown silty sand, wet, soft, low plasticity	SM					
									3.4				
							rust brown silty clay, very slight moisture, stiff low plasticity	CL	2.4				
	10						yellow brown to gray, silty clay, slightly moist, pliable mod/high plasticity	CH	0.7				
							Brown silty clay, very slight moisture, mod. stiff, low to mod. plasticity	CL					
							gray brown sandy silty clay, slight moisture, med. stiff, med/low plasticity	ML	2.4				
							red brown silty clay, very slight moisture, stiff, low plasticity	CL					
	15						red brown sandy clay to clayey sand, moist, mod soft, low plasticity	SC/ML	2.9				
							red brown (2-3" at base are green) silty clay, very slight moisture, stiff, low plasticity	CL	2.4				
									2.7				
	20												
									1.6				
							red brown silty sand, wet soft, low plasticity	SM	2.7				
							red brown silty sand & silty clay sand is wet, clay very slight moisture	SM/CL					
	25						red brown to gray silty sand, wet, soft, low plasticity	SM	13.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-28

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-28
DATE: 9/20/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25								13.4				
							red brown to gray silty sandy wet, soft, low plasticity	SM	12.0				
									24.4				
	30												
							Brown clayey sand to sandy clay, slightly moist, stiff, low plasticity	SC/ML	14.1				
							red brown to gray silty sand, wet, soft, low plasticity	SM					
									6.3				
							red brown silty clay very slight moisture, stiff mud(top) to high(bot) plasticity	CL					
	35								4.2				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-28

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-29
DATE: 9/19/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						lt. brown sand filler gravel, slightly moist low plasticity	SP	1.1				
									1.5				
							rust brown clayey sand to sandy clay, moist, low plasticity	SC/ML					
	5								1.2				
							rust brown clayey sand, moist, low plasticity	SC					
									1.6				
							rust brown silty sand, wet, low plasticity	SM					
							rust brown silty clay, very slight moisture low plasticity	CL	1.6				
	10												
							Brown silty clay w/ 2" wet silty sand @ base, clay has slight moisture, high plasticity (to moist	CH	0.7				
									1.1				
									1.3				
	15												
							red brown silty clay very slight moisture low plasticity	CL	1.7				
									1.4				
	20												
									0.8				
							red brown silty sand w some clay, wet, mod soft low plasticity	SM/SC	1.5				
					← ignore								
	25								1.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-29

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-29
DATE: 9/19/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay, v. slight moisture, stiff	CL	1.1				
							low plasticity		0.9				
							red brown, silty sand w/ some clay, wet, mod soft low plasticity	SM/SC					
							red brown silty clay, very slight moisture, stiff low plasticity	CL	0.7				
	30						red brown silty sand w/ clay, wet low plasticity	SM/SC					
							gray to red brown silty clay w/ sand, v. slight moisture, low plast.	ML					
							gray silty sand w/ some clay wet, soft, low plasticity	SM/SC	0.4				
							red brown, silty clay very slight moisture, stiff, mod to high plasticity, ~~plastic~~	CL/MH	0.3				
	35						more plastic below 33.5'		0.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWW-29

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic
BORING No.: IWW-30
DATE: 9/19/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ***
	0						Black to top soil, slightly moist, low plasticity	OL					
							Brown to red brown silty sand, moist, soft low plasticity	SM					
	5						red brown w gray streaks silty clay, very slight moisture, stiff, low plasticity	CL					
	10						green gray silty clay, very slight moisture, low plasticity stiff						
							Brown silty clay, very slight moisture, stiff friable, low plasticity						
							red brown silty clay, very slight moisture, stiff, low plasticity						
							gray to red brown silty sandy clay, slightly moist, low plasticity	ML					
	15						red brown w green streaks, silty clay, slightly moist, stiff, low plasticity	CL					
	20						red brown silty SANDy clay, slight moisture, stiff, low plasticity	ML					
							gray to red brown clayey SAND to SANDy clay, slightly moist, low to med plasticity	SM/ML					
							gray silty & clayey sand w/ pebbles, wet, low plasticity	SM/SC					
	25						red brown silty clay very slight moisture, stiff, low plasticity	CL					

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-30

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-30
DATE: 9/19/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay w/ green streaks & gravel @ 28'-29' & 33'-34', very slight moisture, stiff, low plasticity						
	30							CL					
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-30

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-31
DATE: 9/18/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						light brown sand fill w/ gravel, slightly moist, low plasticity	SP	2.7				
							gray brown, silty clay w/ sand, slight moisture, stiff, low to mod plasticity	ML	1.7				
	5								2.1				
							Brown sand, moist to wet, soft low plasticity	SW					
							gray brown silty clay, very slight moisture, stiff, low/mod plasticity	CL	1.4				
							Brown silty sand or gravel, moist to wet soft, low plasticity	SM					
							red brown silty clay, very slight moisture, stiff, low plasticity	CL	1.1				
	10												
							Brown to red brown silty clay w/ wet sand @ 10.5 ft bgs, very slight moisture stiff, low plasticity	SC/CL	1.4				
									1.1				
							red brown (+ gray clay) silty clay, very slight moisture, stiff, low plasticity		1.6				
	15							CL					
									1.3				
							red brown silty clay w/ sand, very slight moisture low plasticity	ML	1.5				
	20												
									2.9				
							gray pebbly sand, wet, soft low plasticity	SP					
							red brown silty clay, very slight moisture, low plasticity, stiff	CL	2.1				
							red brown silty clay, very slight moisture, stiff, med to high plasticity	CH					
	25						red brown silty clay, very slight moisture, stiff, low plasticity	CL	1.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes Y No _____ Well I.D. #: IWW-31

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-31
DATE: 9/18/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay, very slight moisture, stiff	CL	1.6				
							low plasticity		1.2				
									0.6				
	30						red brown silty clay, very slight moisture, stiff, mod to high plasticity	CH					
									1.3				
									2.1				
	35								1.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: IWW-31

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: EWW-32
DATE: 9/18/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Lt. brown sand fill w/ gravel, slightly moist, low plasticity	SP	2.1				
							green sandy silty clay, slightly moist, med/high plasticity	MH	2.2				
	5						red brown sandy silty clay, slightly moist, med/high plasticity; red brown sand, moist, low plasticity	SW	2.5				
							red brown, silty sand moist to wet, soft, low plasticity	SM	2.9				
									2.3				
	10						red brown silty clay, very slight moisture, stiff, low plasticity	CL					
							yellow brown silty clay, v. slight moisture, stiff, low plasticity		4.5				
							red brown silty clay v. slight moisture, stiff low plasticity	CL	10.2*				
	15								5.6				
									10.5*				
							red brown sandy clay slightly moist, med. soft mod/high plasticity	MH	11.2*				
	20						red brown to gray, clayey silty sand, wet to moist mod soft, low plasticity	SM/SC	2.6				
									1.4				
							gray to red sandy silty clay moist, med soft, mod/high plasticity; red brown silty clay, v. slight moisture, stiff low plasticity	MH / CL					
	25						red brown silty clay, very slight moisture, stiff, mod/high plasticity	CL/CH	2.1				

Plasticity

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * condensation in bag causing suspect readings.

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: EWW-32

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-32
DATE: 9/18/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay, very slight moisture / stiff, mod/high plasticity	CH	2.1 2.4 2.3 2.7 3.1 3.4				
	30												
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWW-32

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-33
DATE: 9/17/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray brown, SAND fill w/ gravel, slightly moist, low plasticity	SP	3.2				
									20*				
							Brown, silty SANDy clay, slightly moist, low to mod plasticity, mod stiff	ML					
	5								11*				
							Brown clayey sand, slightly moist to moist, low plasticity mod soft	SC	20*				
							Brown clayey sand w/ gravel, moist, low plasticity		10.1*				
	10												
									0.9				
							red brown clay, gravel mix, slightly moist, low plasticity	GC					
							red brown, silty clay, very slight moisture, stiff, low plasticity	CL	1.1				
	15						red brown clayey sand, moist, mod soft, low plasticity	SC	1.3				
							red brown silty clay, w/ slight moisture to slight moisture, stiff low plasticity	CL	1.3				
									1.4				
	20						rust brown clayey sand moist to slightly moist, low plasticity	SC					
									7.1				
							wet brown silt, clay / sand, moist to wet, low plasticity	ML					
							red brown / gray clayey SAND to SANDy clay, wet, mod soft low to mod plasticity	SC/ML	4.9				
	25								9.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * suspect reading due to combustion

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWW-33

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-33
DATE: 9/17/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown & gray clayey sand to sandy clay, wet, mod soft, low to mod plasticity	SC/ML	9.6				
							red brown silty clay, v. slight moisture, stiff low plasticity	CL	2.1				
	30						red brown & gray clay to silty clay very slight moisture, stiff mod to high plasticity	CL/ML	2.1				
									0.4				
									0.5				
	35								0.6				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.2

Converted to Well: Yes X No _____ Well I.D. #: IWW-33

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-34
DATE: 9/16/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						light brown sand Fill w/ gravel, slightly moist, low plasticity	GP	0.3				
									0.4				
	5						orange brown sandy clayey silt w/ some sand, moist low plasticity	ML	0.9				
									0.9				
							orange brown silty sand w/ some clay, moist low plasticity	SM/SC	0.8				
	10						orange brown turning to gray @ 11', clayey silt, moist low plasticity	SM	ML 0.4				
							red brown gravelly sand, soft, wet, low plasticity	SM					
							red brown clay/gravel, moist mod plasticity	GC	0.6				
							red brown clayey silt w/ sand moist, low plasticity	ML					
	15						red brown silty clay, very slight moisture, mod to high plasticity	MH	1.1				
							red brown silty clayey sand, moist, low plasticity	ML	1.1				
									0.6				
	20						red brown silty clay						
							w/ sand @ 20.5'-21', v. slight moisture, low to mod plasticity	CL	2.0				
									4.3				
							red brown clayey sand, soft wet, low plasticity	SC					
	25						red brown gravelly silty clay, very slight moisture, low plasticity	CL					
							red brown gravelly, clayey sand, soft, wet, low plasticity	SC	BW				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 6.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-34

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-34
DATE: 9/16/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown gray clayey sand, soft, wet, low plasticity	SC	8.0				
							gray silty sand, soft, wet low plasticity	SM	19.9				
							gray clayey sand, soft, wet, low plasticity	SC					
							Brown or gray & red streaky, silty clay, v. slight moisture, low plasticity	CL	5.2				
	30												
									0.7				
							red brown, clay to silty clay, very slight moisture, mod to high plasticity	MH	0.7				
	35								0.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-34

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-35
DATE: 9/16/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						light brown sand fill w/ ~5% gravel,		0.0				
							slightly moist, low plasticity	SP	0.2				
	5						med brown clayey SAND to sand, moist soft, low plasticity med to	SC	0.4				
							orange brown/gray mod soft to med stiff silty clay to clayey silt moist, med. to low plasticity	CL	0.7				
									0.6				
	10						brown gray clayey silt w/ sand, slightly moist, med plasticity	ML	0.2				
							brown gray clay/gravel, moist med plasticity	GC	0.4				
							Brown gray clayey silt w/ sand, moist, med plasticity	ML	0.4				
	15								0.5				
							red brown silty to silty clay, slight moisture, med to high plasticity	CL/ CH	0.6				
	20						red brown silty sand, soft, moist low plasticity	SM					
							red brown silty clay, very slight moisture, low plasticity	CL	0.1				
							red brown clayey sand, moist low plasticity	SC					
							red brown silty sand, wet, soft, low plasticity	SM	8.3				
	25								6.1				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-35

Tetra Tech NUS, Inc.

BORING LOG

Page ___ of ___

PROJECT NAME: GW Remediation Blocks E,G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Cascade Drilling
DRILLING RIG: Spider Sonic

BORING No.: IWW-35
DATE: 9/16/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown clayey sand, moist, low plasticity	SC	6.1				
							red/brown silty clay, very slight moisture, low plasticity	CL	10.9				
							red/brown to gray/brown silty sand, wet, soft low plasticity	SM	14.3				
	30								9.0				
									16.3				
							red brown & gray, clay to silty clay, v. slight moisture, high plasticity	MH CH	1.7				
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-35

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-36
DATE: 7/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						gray fill, clay to gravel, moist	GP	2.0				
							blonde gray fill, clay to gravel, moist						
							brown silty clay low plasticity, slightly moist	CL	3.8				
	5								3.9				
							red brown silty clay w some sand plastic, slightly moist to moist	CH	3.8				
									6.3				
	10												
									4.5				
							red gray silty clay to clay, some stiff, very slight moisture, white streaks @ 10'-12' & 15'-16', 2" gray sand lens moist, @ 19.5'	CL	7.8				
	15								6.3				
									10.5				
									5.9				
	20												
							red brown silty sand soft, wet	SM	8.2				
							red brown sandy silty clay, slightly moist	CL	5.6				
							gray sand, soft, wet	SM					
	25						red brown silty clay w/ occ. plastic, v. slight moisture	CL	9.5				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.2

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-36

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112 SC 04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: EWW-36
DATE: 7/23/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						gray sand to silty sand soft, wet		9.5				
									2.6				
							red brown clay	CL					
							dense stiff, dry		2.1				
	30												
							red brown sand, soft wet	SM	8.4				
							red brown clay						
							dense stiff, dry		2.6				
							red brown silty clay, trace dry	CL					
	35						red brown clay		2.1				
							dense stiff, dry						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: EWW-36

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112.IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-37
DATE:
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						2-3 inches asphalt over fill (clay to gravel) moist	GP	88.1				
							Brown silty sand, low plasticity, stiff, moist	SM	2.6				
							gray brown sandy clay w/ plastic decomposed organic debris (roots) moist low plasticity	OL/CL					
	5						rust brown sandy/silty clay, plastic moist	CL	1.1				
							red gray banded clay plastic, v. slight moisture	CH	2.0				
							red gray clay, plastic v. slight moisture						
							red clay w/ gray bands dense, stiff, dry		1.8				
	10						red to rust brown silty clay, low plasticity, friable dry	CL	2.5				
							red brown silty clay, low plasticity v. slight moisture		1.5				
	15								1.9				
							gray silty coarse sand, soft, wet	SM	3.0				
							reddish brown sandy clay to clayey sand, mod. plasticity, moist		2.9				
	20						red brown silty clay, low plasticity, very slight moisture to dry	CL	5.1				
							red brown gray silty clay low plasticity, very slight moisture		3.3				
							red brown clay. dense, stiff, dry						
	25								4.3				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-37

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-37
DATE: 7/30/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown clay dense, stiff, dry w/ green/red silty section @ 26-28'	CL	4.3 0.9 0.9 0.3 0.7 0.7				
	30												
	35												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWW-37

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-38
DATE: 7/30/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						concrete brown soil, moist silt to sand		OL/OH				
							concrete						
							rotted wood, white gravel soils, moist		GP				
							gray brown silty & clayey sand, soft wet	SM					
	5												
							red brown silty sand w/ some clay & gravel @ 3.5-4.5 soft, wet	SM					
	10												
							red brown silty clay to clayey silt, low plasticity, vi slight moisture						
							lt. red brown sandy clayey silt mod plastic, slightly moist	CL					
	15						red brown silty clay w/ sandy lens @ 15-15.5' low plasticity, vi slight moisture except @ sandy lens which is slightly moist						
							reddish gray silty sand, soft, wet	SM					
	20												
							red brown silty clay, mod plastic slightly moist	CL					
							reddish gray silty sand soft, wet	SM					
	25						red brown silty clay to clayey dense stiff dry w/ gray clay @ 24.5-25.5'	CL					

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No ____ Well I.D. #: IWW-38

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112SC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-38
DATE: 7/30/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown silty clay to clay dense stiff dry @ grey clay @ 24.5-25'	CL					
	30						gray clay dense stiff, dry	CL					
	35						red brown clay dense stiff dry						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-38

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-039
DATE: ~~7/30/13~~ 7/29/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						concrete						
							Brown silty sand to gravel, soft, moist	SM	0.3				
							concrete						
									0.4				
	5						Brown silty sand, soft, wet w/ sparse pebbles @ 2'-4'	SM	0.4				
									0.8				
									0.8				
	10												
							red brown silty clay, slightly to moderately plastic, very slight moisture	CL	0.8				
									0.6				
	15								0.4				
							red brown ORANGE/ silty clayey sand soft, wet	SM	0.9				
							red brown sandy clayey silt, mod. plastic, moist		1.0				
	20						red brown silty clay, slightly plastic v. slight moisture; rust brown silty sand, soft, wet						
							H. brown silty clay to clayey silt mod. plastic, slightly moist	CL	0.7				
									0.9				
	25						red brown silty clay, low plasticity, v. slight moisture; red brown clay, dense stiff	CL	1.0				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IAW-9

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart Longyear/Cascade
DRILLING RIG: Spider Sonic - Rotosonic

BORING No.: IWW-39
DATE: ~~7/29/13~~ 7/29/13
GEOLOGIST: W. O'Niell
DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						Red brown clay dense, stiff, dry		1.0 0.7 1.0				
	30							CL	2.4 1.8				
	35								1.7				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWW-9

WELL NO.: IWW-1

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: GW Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING: IWW-1	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/9/13	DATE COMPLETED:	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	

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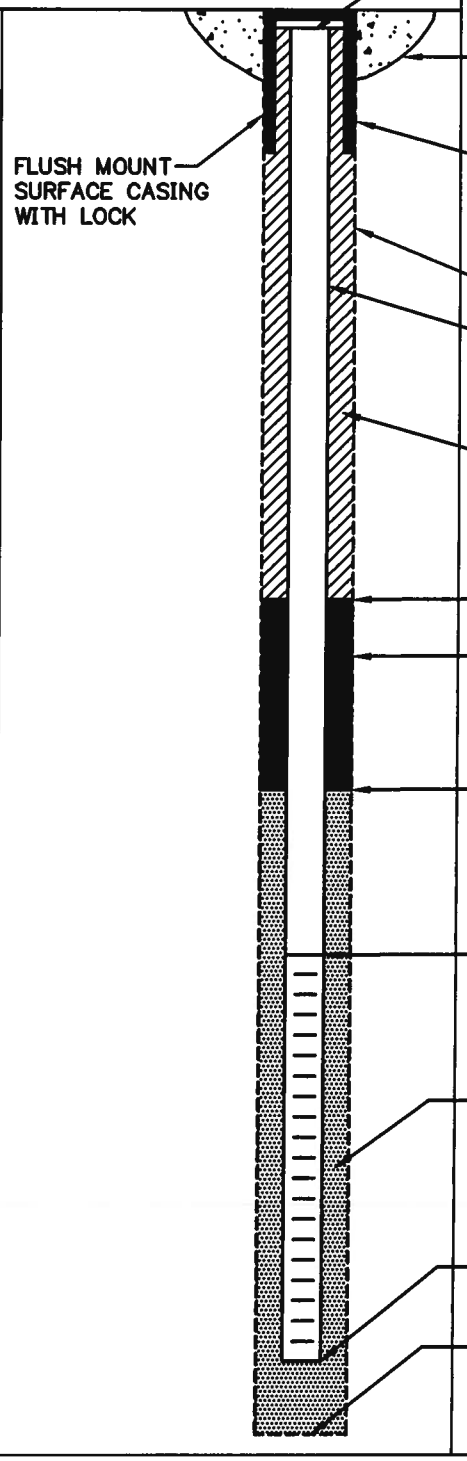

ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High-strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC 4" sch 80

RISER PIPE I.D.: ~~two-inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel to 4' from ground surface

ELEVATION/DEPTH TOP OF SEAL: 9'/

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'/

ELEVATION/DEPTH TOP OF SCREEN: 15'/

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand #5 Global

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'/

ELEVATION / DEPTH BOTTOM OF SAND: 35'/

ELEVATION/DEPTH BOTTOM OF HOLE: *35'/

BACKFILL MATERIAL BELOW SAND: N/A

* well set in sand - silty sand

WELL NO.: IWW-2

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER Larry Hunsberger
PROJECT NO.	BORING IWW-2	DRILLING METHOD Rotosonic
DATE BEGUN 7/9/13	DATE COMPLETED 7/10/13	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION N/A	DATUM N/A	

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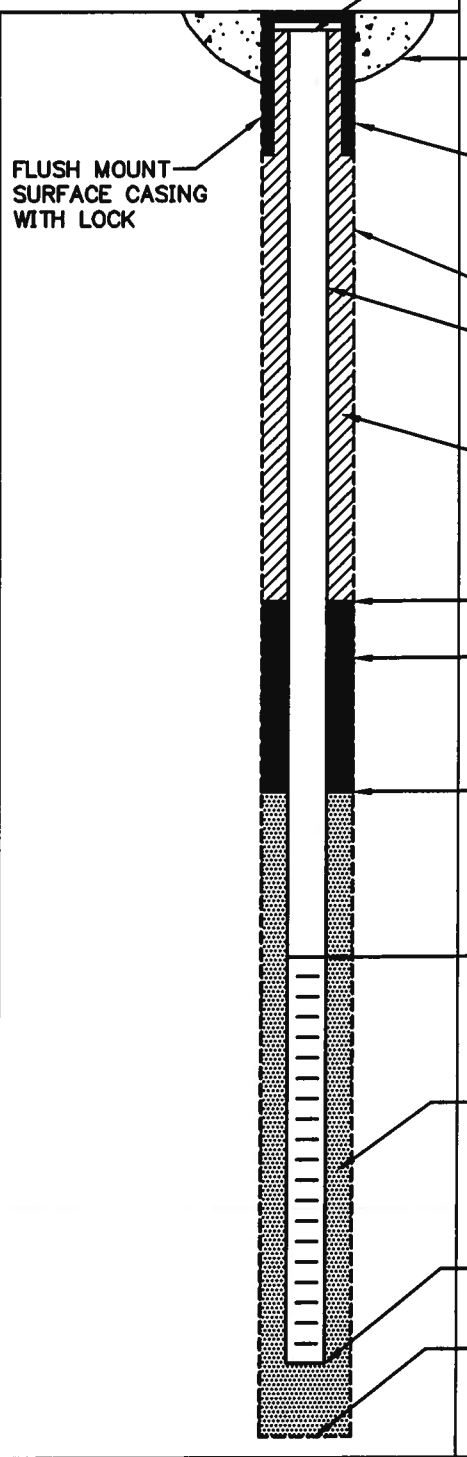


ELEVATION TOP OF RISER: N/A

TYPE OF SURFACE SEAL: ~~High strength con~~crete

TYPE OF PROTECTIVE CASING: ~~Steel vault~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC - sch 80

RISER PIPE I.D.: ~~two inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel to 4' from ground surface

ELEVATION/DEPTH TOP OF SEAL: 8.5'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 13.5'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand #5 global

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: * 35'

BACKFILL MATERIAL BELOW SAND: N/A

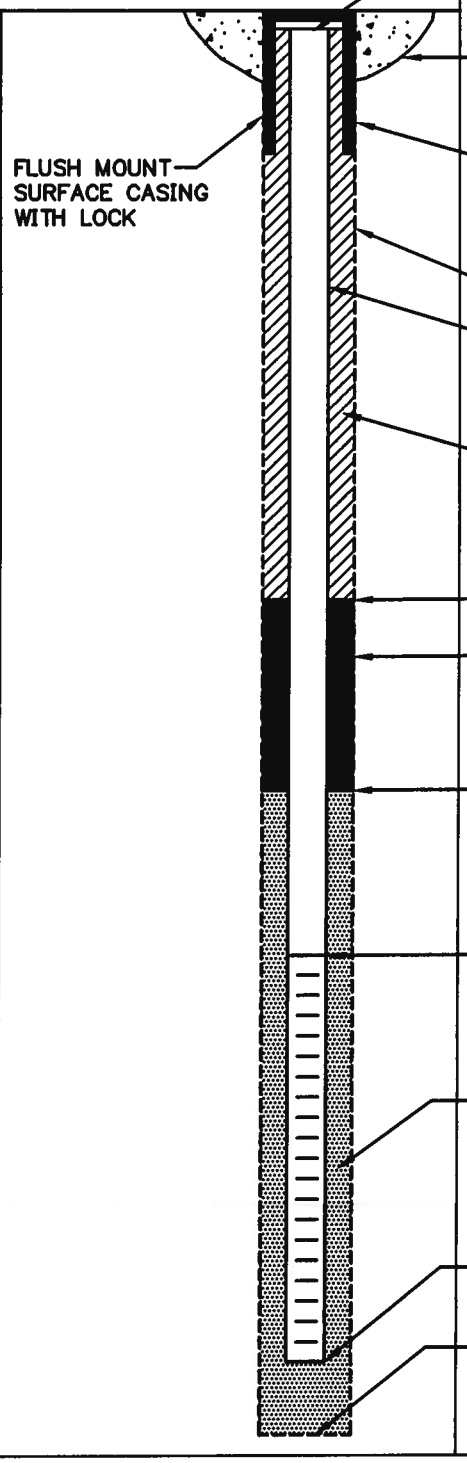
* Set in sand

WELL NO.: IWW-3

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER Larry Hunsberger
PROJECT NO.	BORING IWW-3	DRILLING METHOD Rotosonic
DATE BEGUN 7/10/13	DATE COMPLETED 7/11/13	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High strength concrete~~

TYPE OF PROTECTIVE CASING: ~~Steel vault~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: ~~two inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14 /

ELEVATION/DEPTH TOP OF SCREEN: 15 /

TYPE OF SCREEN: PVC sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand #5 global

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35 /

ELEVATION / DEPTH BOTTOM OF SAND: 36 ~~35~~ /

ELEVATION/DEPTH BOTTOM OF HOLE: 36 ~~35~~ /

BACKFILL MATERIAL BELOW SAND:

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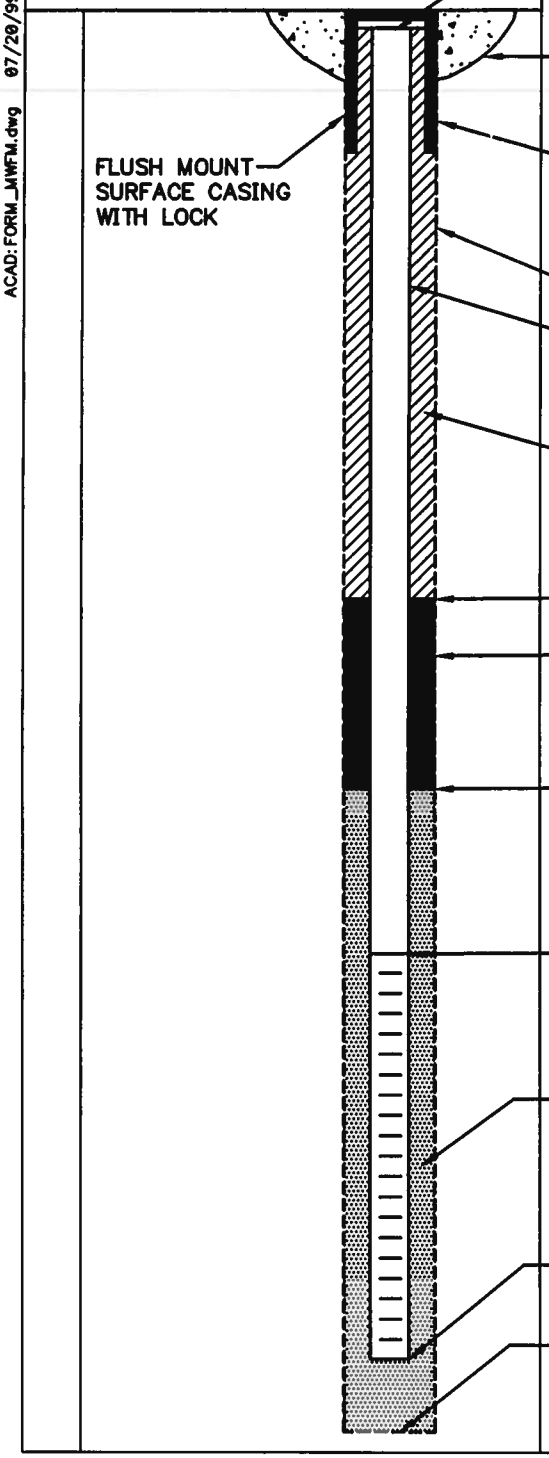
WELL NO.: IWW-4

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING: IWW-4	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/11/13	DATE COMPLETED: 7/11/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~

TYPE OF PROTECTIVE CASING: ~~[illegible]~~ sch

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC (sch 80)

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 8' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 13' /

ELEVATION/DEPTH TOP OF SCREEN: 15.5 /

TYPE OF SCREEN: PVC sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: #5 glo bal / Silica sand

DIAMETER OF HOLE IN BEDROCK:

ELEVATION / DEPTH BOTTOM OF SCREEN: 35.5 /

ELEVATION / DEPTH BOTTOM OF SAND: 36 /

ELEVATION/DEPTH BOTTOM OF HOLE: 36 /

BACKFILL MATERIAL BELOW SAND: N/A

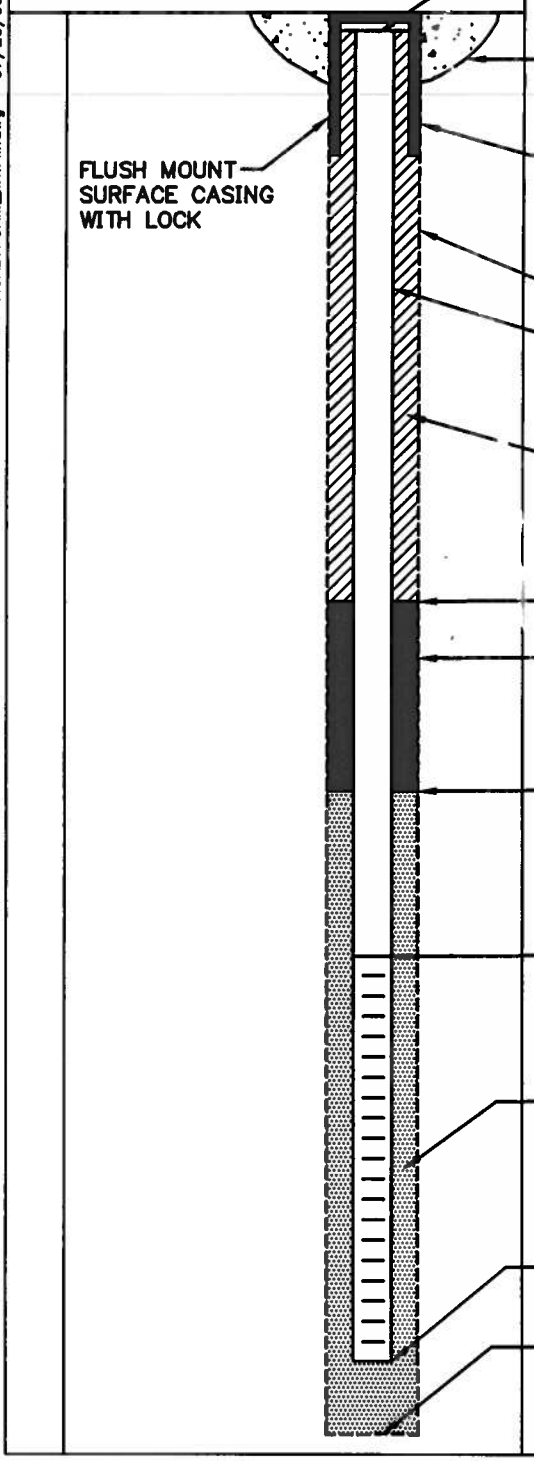
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-5

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING: IWW-5	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/15/13	DATE COMPLETED: 7/15/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~

TYPE OF PROTECTIVE CASING: ~~PVC~~

I.D. OF PROTECTIVE CASING:

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: ~~#5~~ global Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36 ~~35.5~~'

ELEVATION/DEPTH BOTTOM OF HOLE: 36 ~~35.5~~'

BACKFILL MATERIAL BELOW SAND: N/A

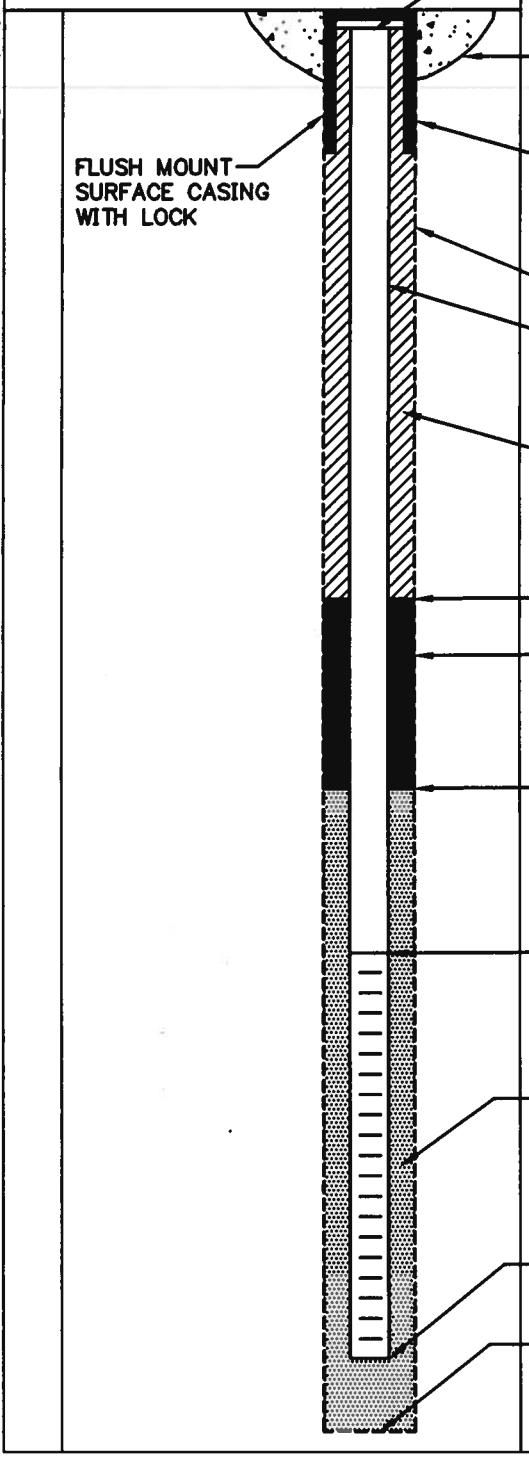
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-6

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING: IWW-6	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/15/13	DATE COMPLETED: 7/16/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~

TYPE OF PROTECTIVE CASING: ~~PVC~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: #5 global Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND: N/A

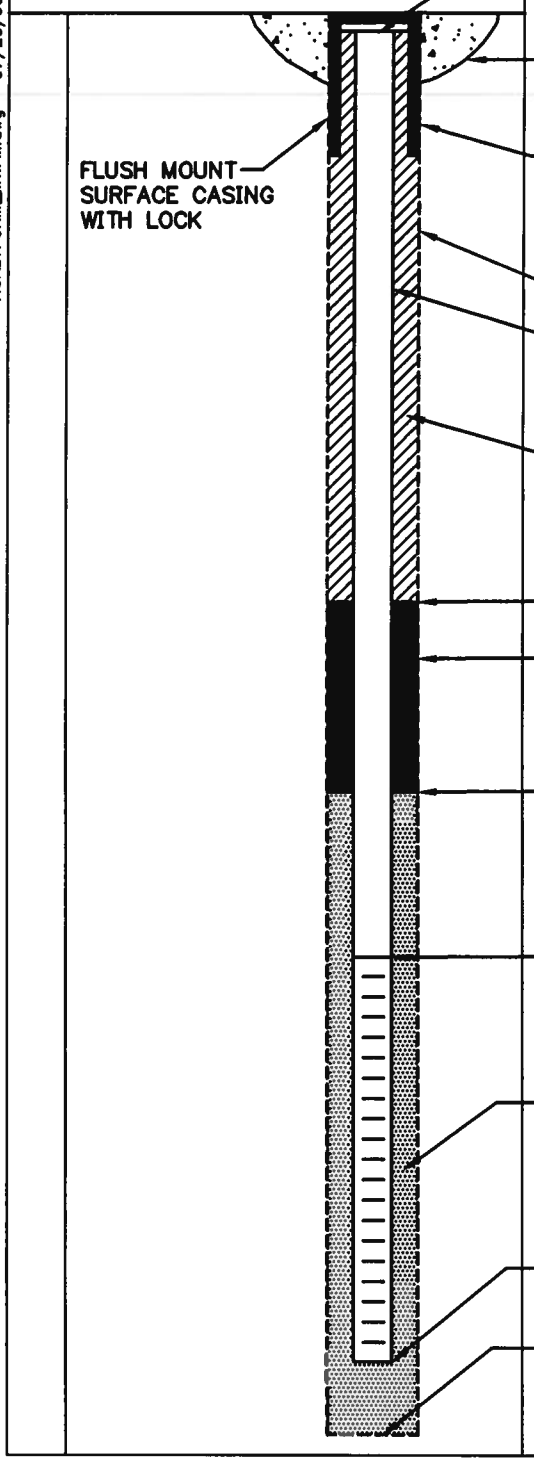
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-7

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING: IWW-7	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/16/13	DATE COMPLETED: 7/17/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~

TYPE OF PROTECTIVE CASING: ~~PVC~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC Sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: #5 global Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND: N/A

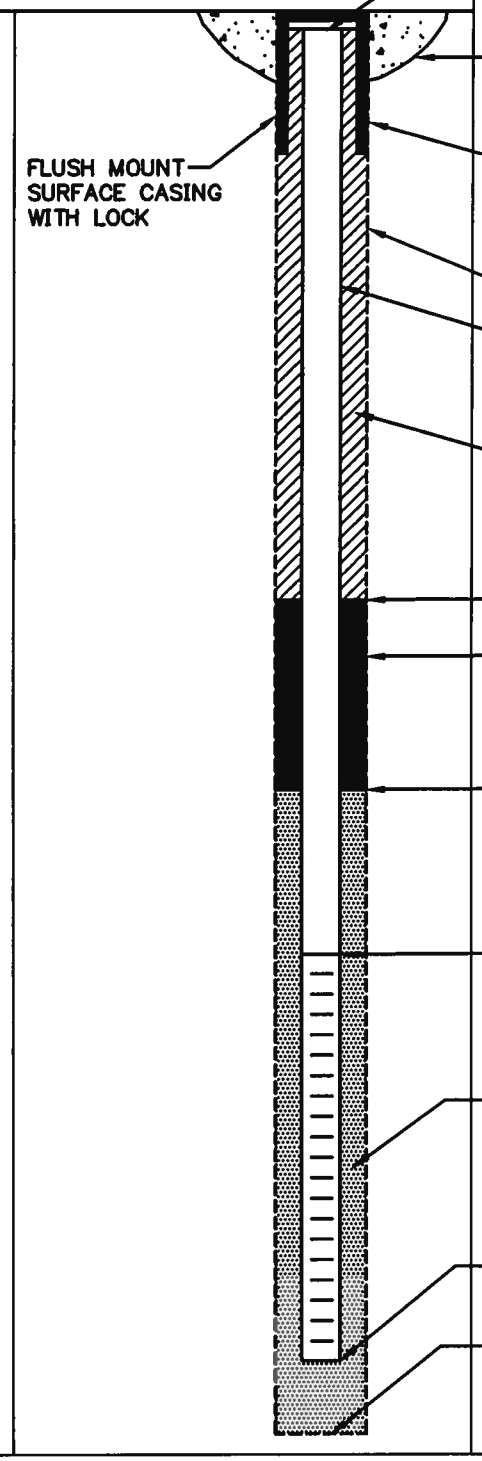
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-8

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING: IWW-8	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/17/13	DATE COMPLETED: 7/17/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High-Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~PVC~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: ~~PVC~~ PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14 /

ELEVATION/DEPTH TOP OF SCREEN: 15 /

TYPE OF SCREEN: PVC sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: #5 global Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35 /

ELEVATION / DEPTH BOTTOM OF SAND: 36 /

ELEVATION/DEPTH BOTTOM OF HOLE: 36 /

BACKFILL MATERIAL BELOW SAND: N/A

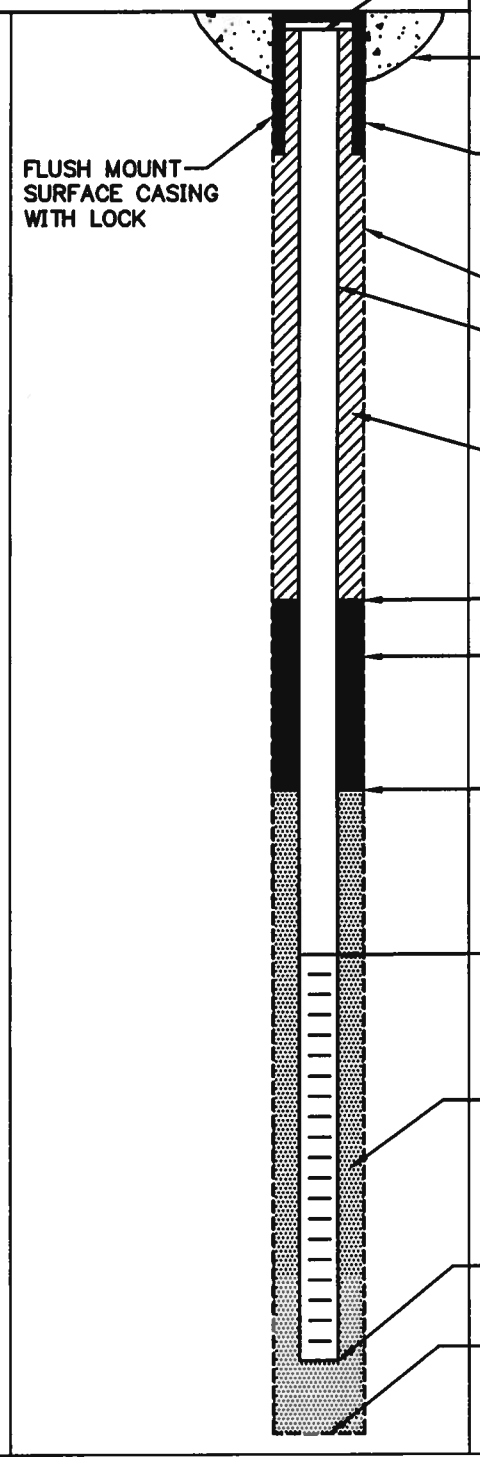
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-9

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-9	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/22/13	DATE COMPLETED: 7/22/13	
FIELD GEOLOGIST: W. O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~

TYPE OF PROTECTIVE CASING: PVC

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND: N/A

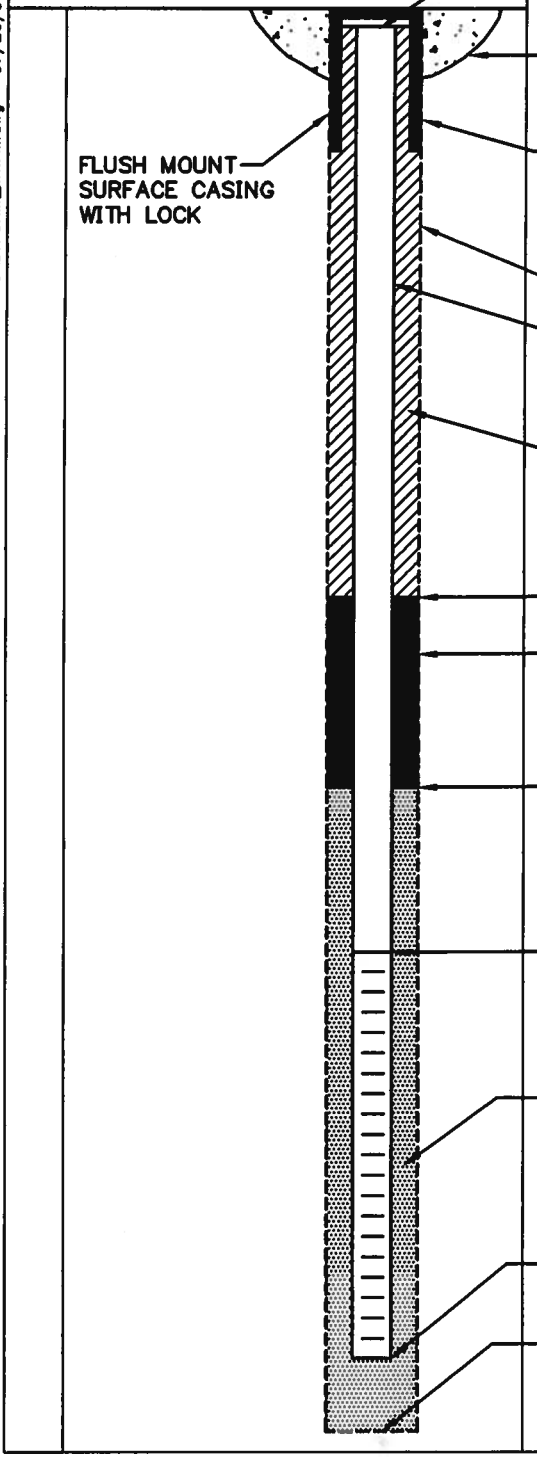
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-10

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER Larry Hunsberger
PROJECT NO. 112IC04769	BORING IWW-10	DRILLING METHOD Rotosonic
DATE BEGUN 7/31/13	DATE COMPLETED 7/31/13	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High-strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: ~~two-inch~~ 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: _____

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 36' /

ELEVATION/DEPTH BOTTOM OF HOLE: 36 /

BACKFILL MATERIAL BELOW SAND: _____

ACAD: FORM_MWFM.dwg 07/20/99 INL

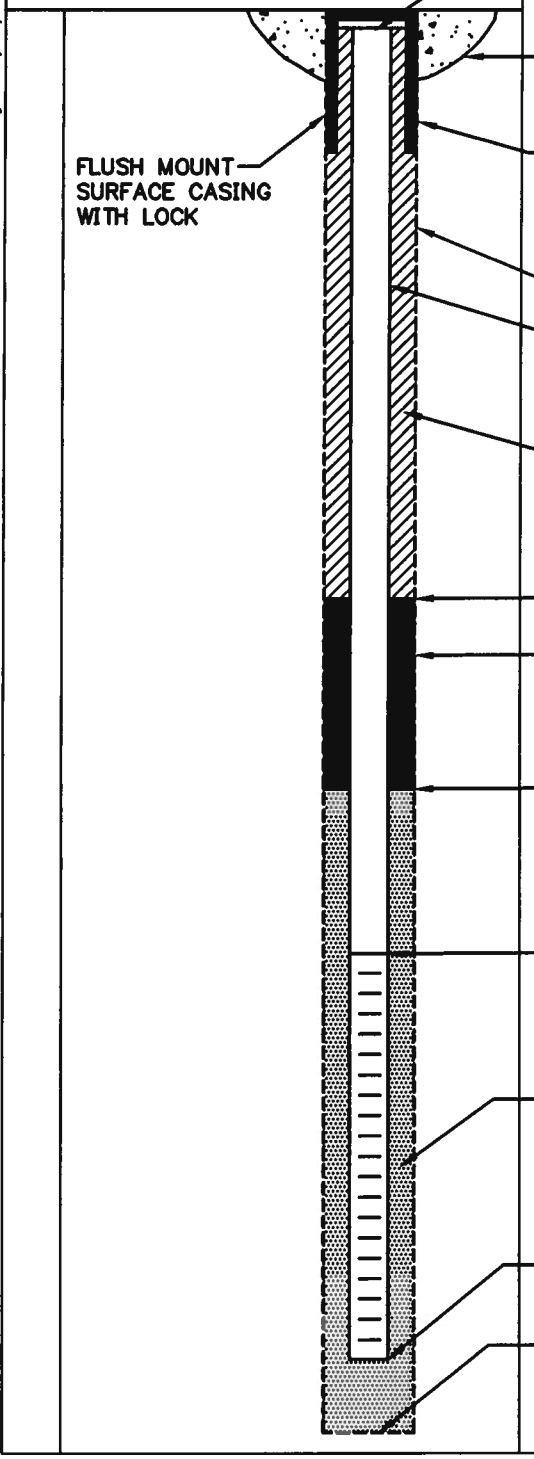
WELL NO.: IWW-01

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-01	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/22/13	DATE COMPLETED: 7/22/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	

ACAD:FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~

TYPE OF PROTECTIVE CASING: ~~PVC~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 8'7"

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 13'7"

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-12

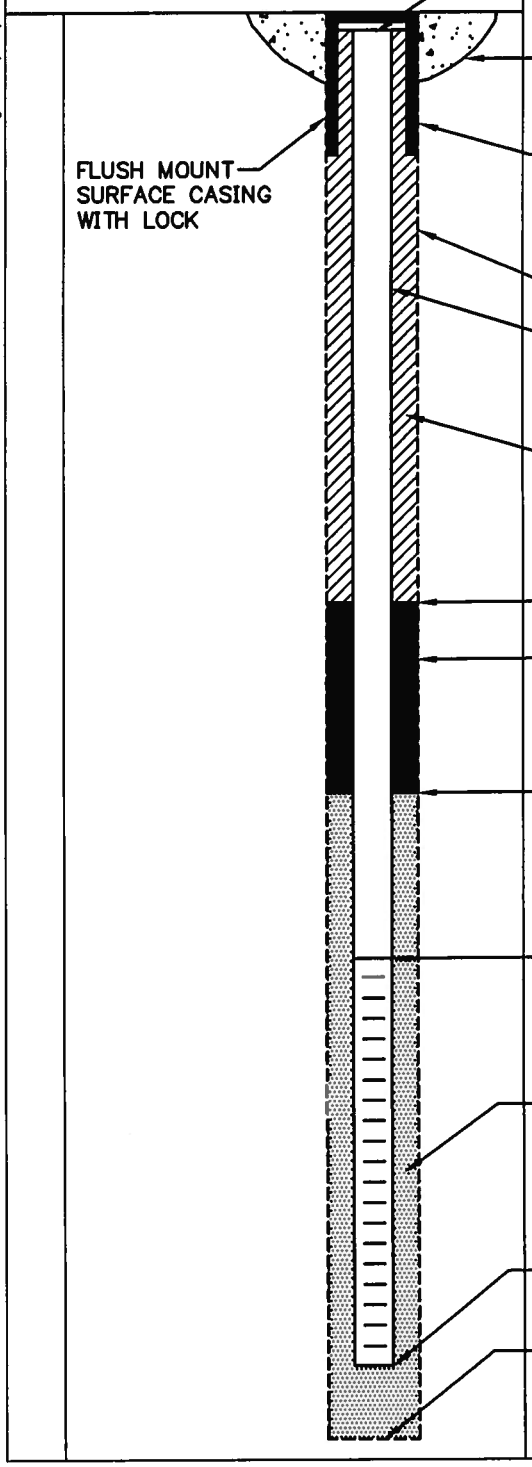
Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 10/1/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-12
DATE COMPLETED: 10/1/13
DATUM: _____

DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-inch

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

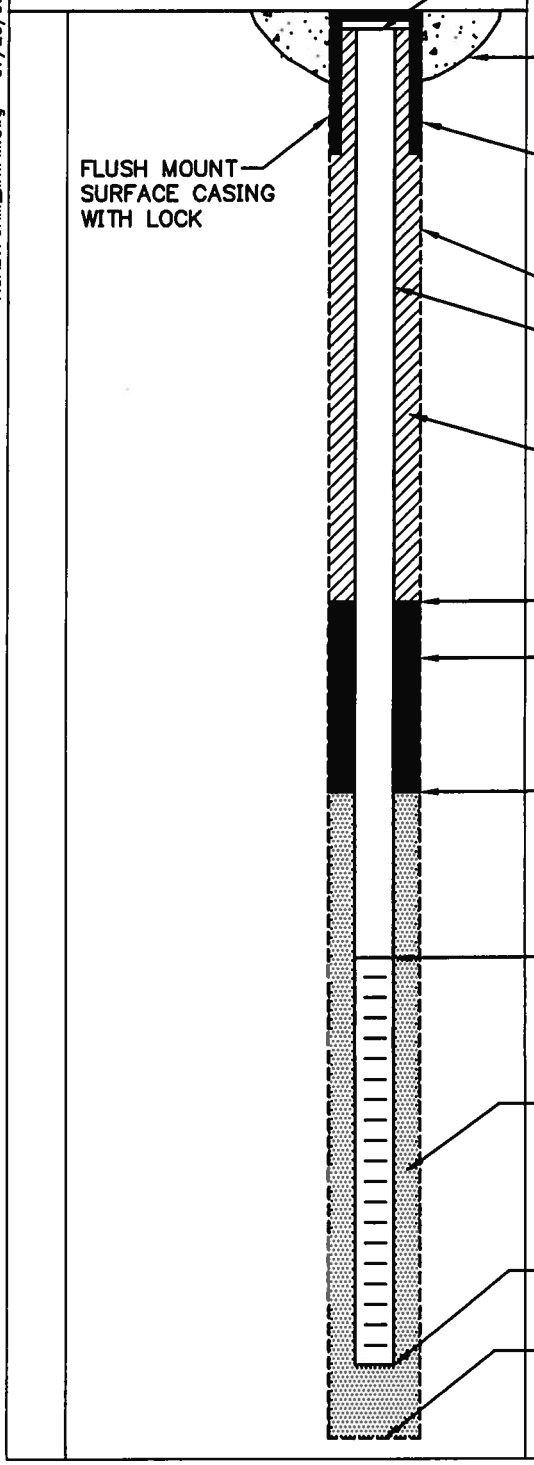
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-13

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-13	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/30/13	DATE COMPLETED: 9/30/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-inch

TYPE OF RISER PIPE: PVC Sch80

RISER PIPE I.D.: 4-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

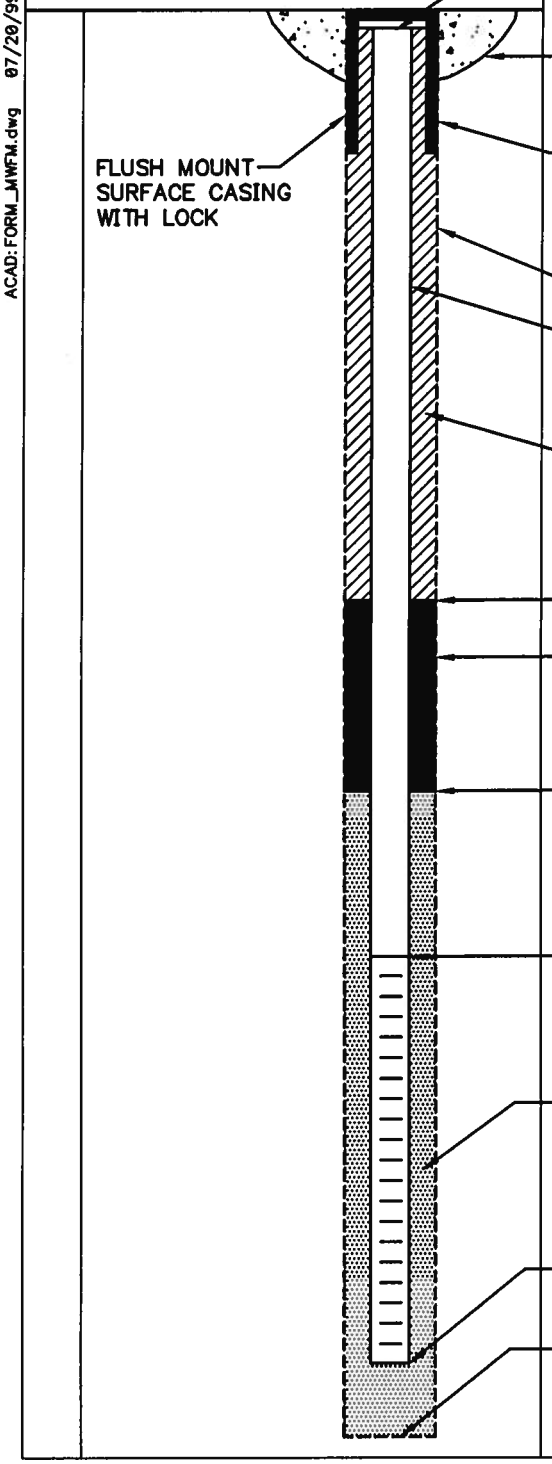
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-14

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: ~~IWW-13~~ IWW-14	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/30/13	DATE COMPLETED: 9/30/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 -inch

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 4 -inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

ACAD: FORM_MWFM.dwg 07/20/99 INL

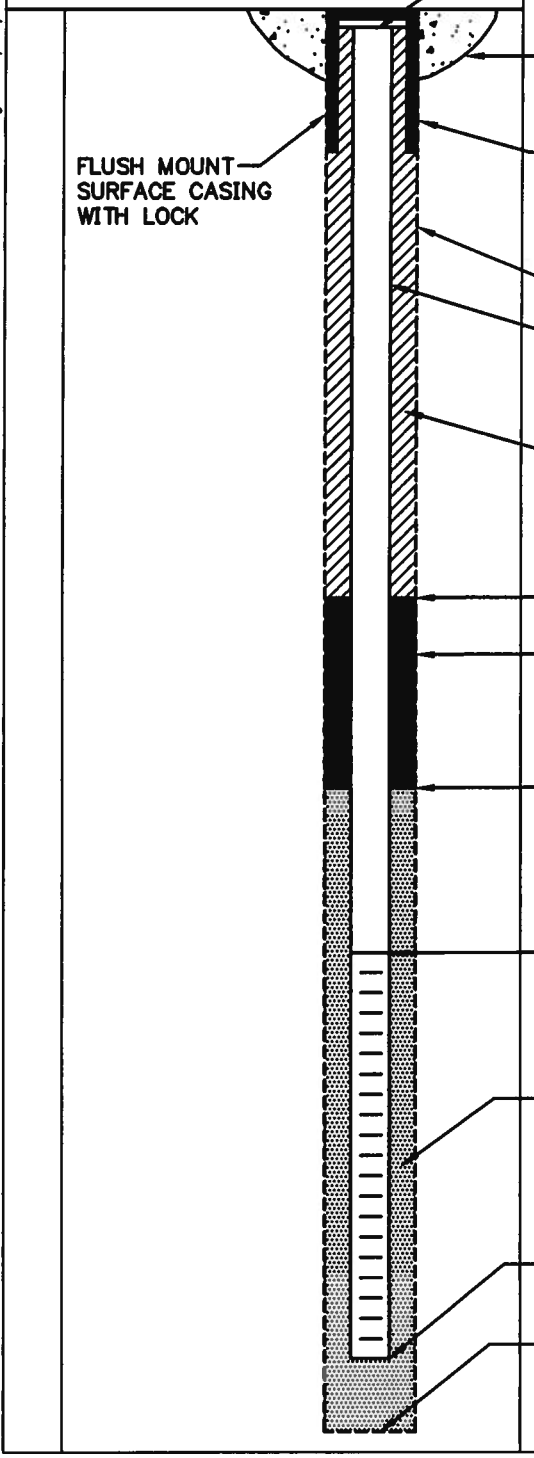
WELL NO.: IWW-15

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING:	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/19/13	DATE COMPLETED: 7/20/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: W. O'Niell		
GROUND ELEVATION:	DATUM:	

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Pvc~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC sch 80

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: #5 global Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND:

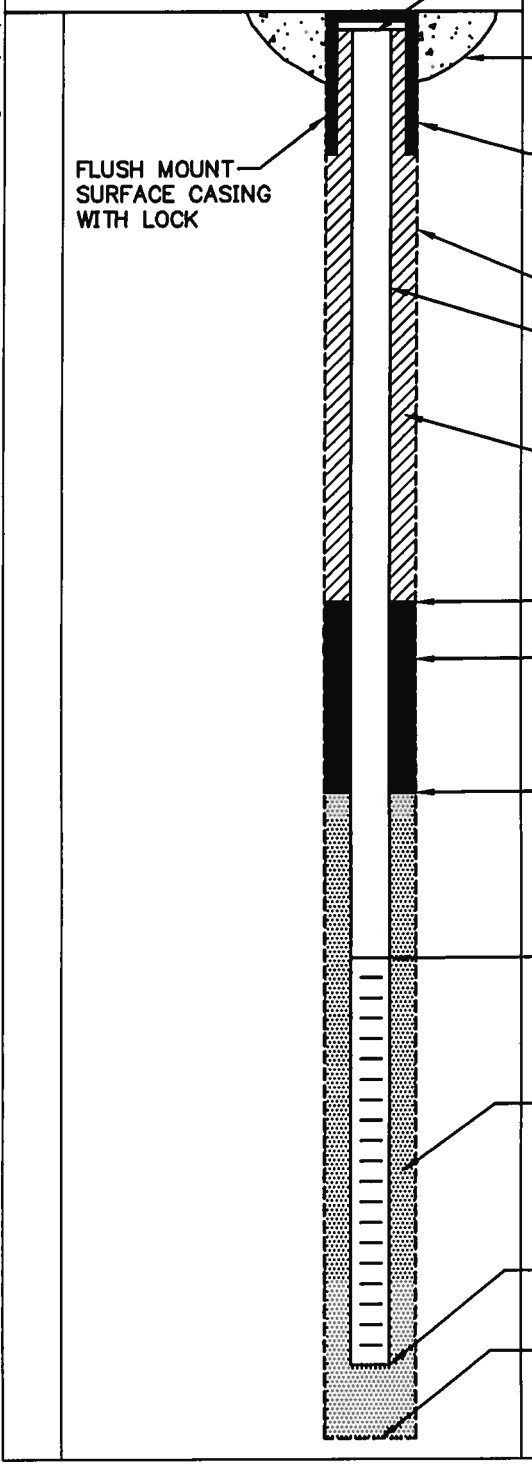
WELL NO.: IWW-16

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 10/2/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-16
DATE COMPLETED: 10/2/13
DATUM: _____
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

ACAD: FORM_MWFM.dwg 07/28/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 -inch

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 -inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
F.lpw WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

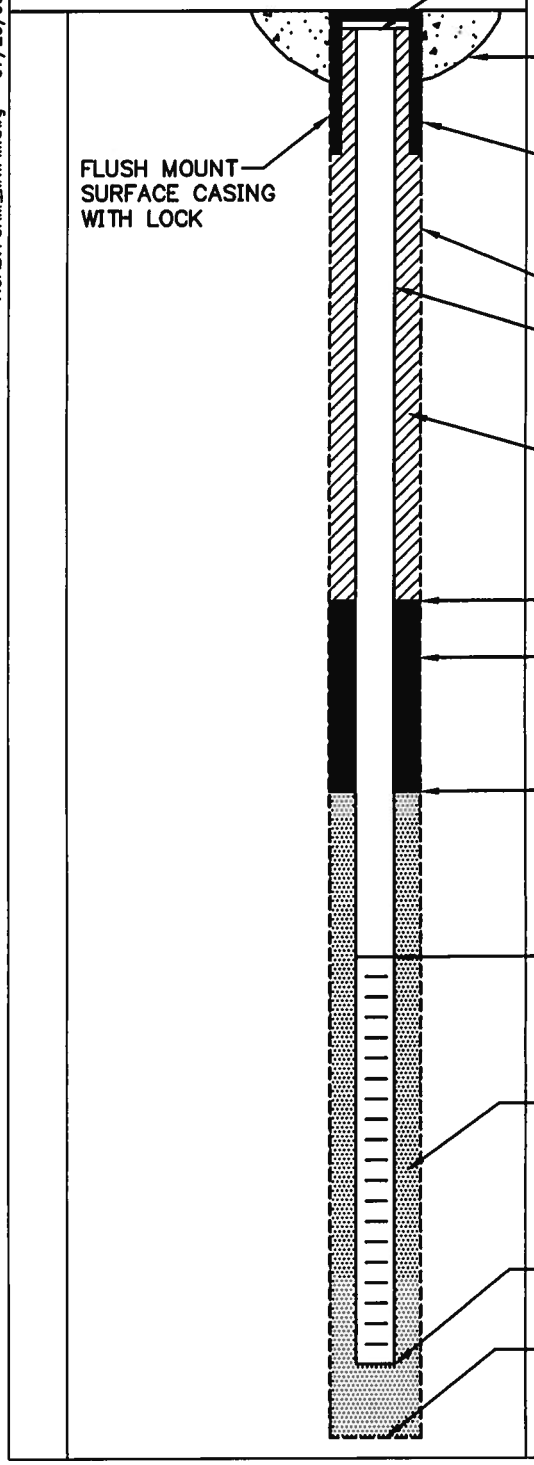
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-17

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-17	DRILLING METHOD: Rotosonic
DATE BEGUN: 10/1/13	DATE COMPLETED: 10/1/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 -inch

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4 -inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 8' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 13' /
Sand up after surging well

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Filpro WG-#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

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WELL NO.: IWW-18

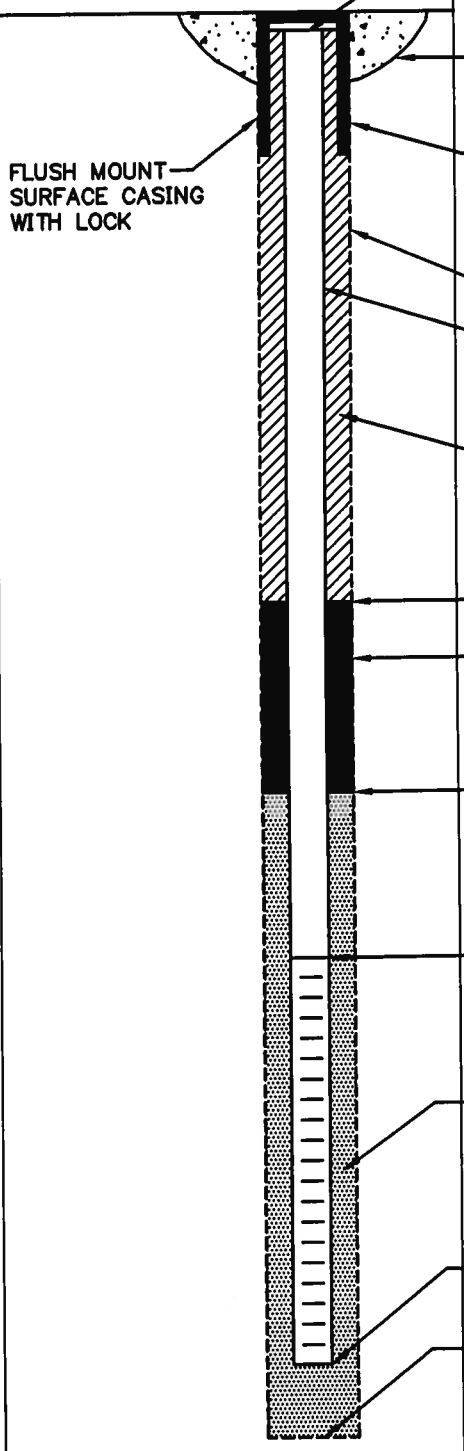
Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC64769
DATE BEGUN: 9/24/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-18
DATE COMPLETED: 9/24/13
DATUM: _____

DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

ACAD:FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-Inch

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4-Inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 8'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 13'*

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand
Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

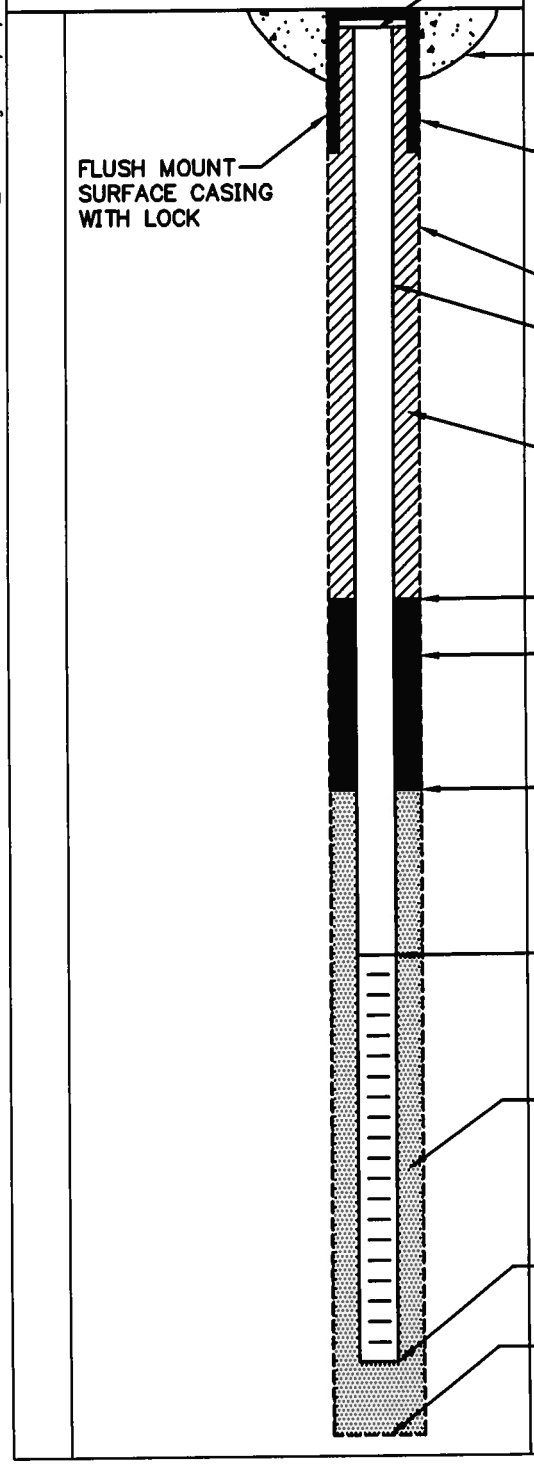
* ended up w/ extra foot of sand above screen after surging.

WELL NO.: IWW-19

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-19	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/24/13	DATE COMPLETED: 9/24/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-inch

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'/

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'/

ELEVATION/DEPTH TOP OF SCREEN: 15'/

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Tipro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'/

ELEVATION / DEPTH BOTTOM OF SAND: 35'/

ELEVATION/DEPTH BOTTOM OF HOLE: 35'/

BACKFILL MATERIAL BELOW SAND: N/A

ACAD: FORM_MWFM.dwg 07/20/99 INL

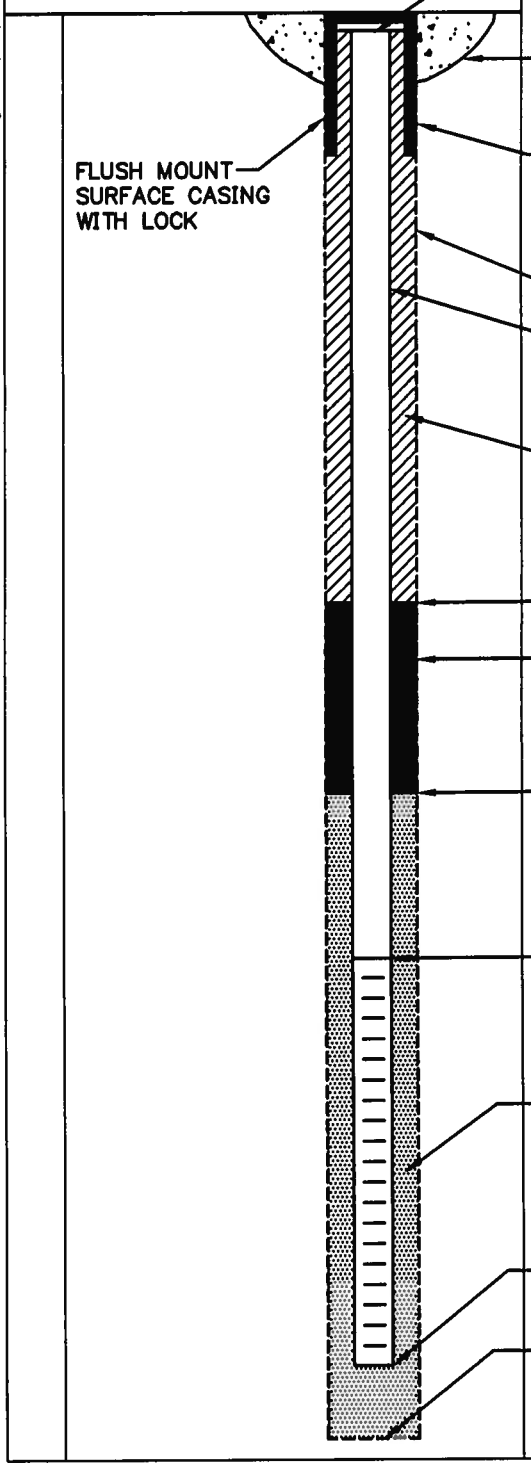
WELL NO.: IWW-20

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/23/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-20
DATE COMPLETED: 9/24/13
DATUM: _____
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-inch

TYPE OF RISER PIPE: PVC sch80

RISER PIPE I.D.: 4-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Figure WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

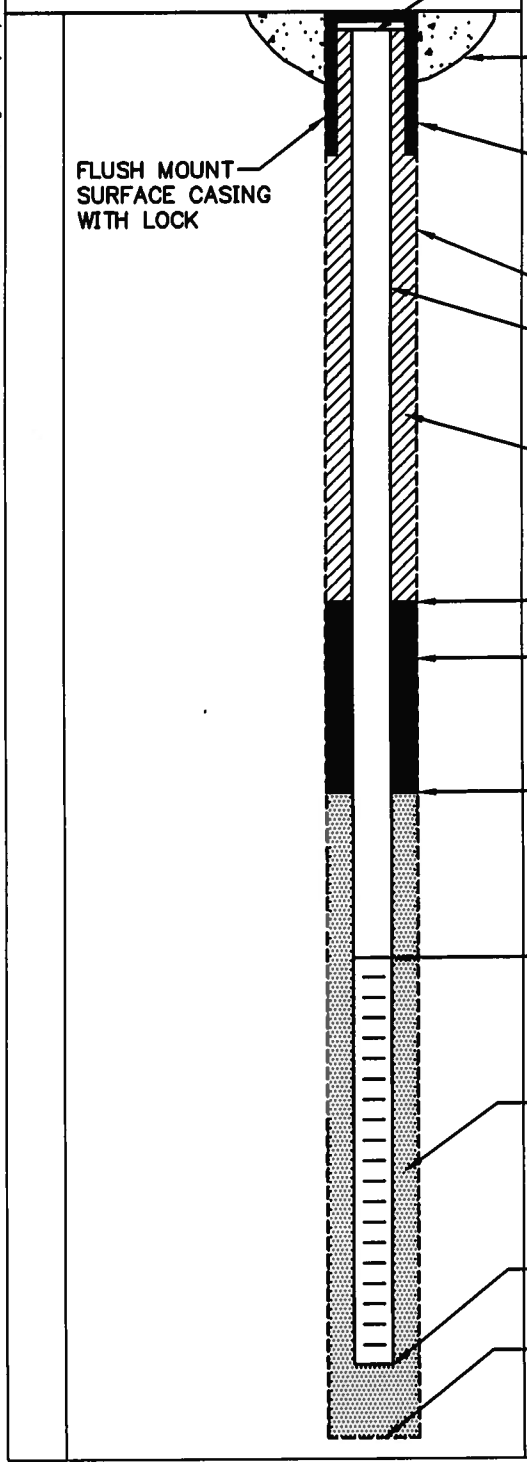
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-21

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/23/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-21
DATE COMPLETED: 9/23/13
DATUM: _____
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-inch

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand - Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

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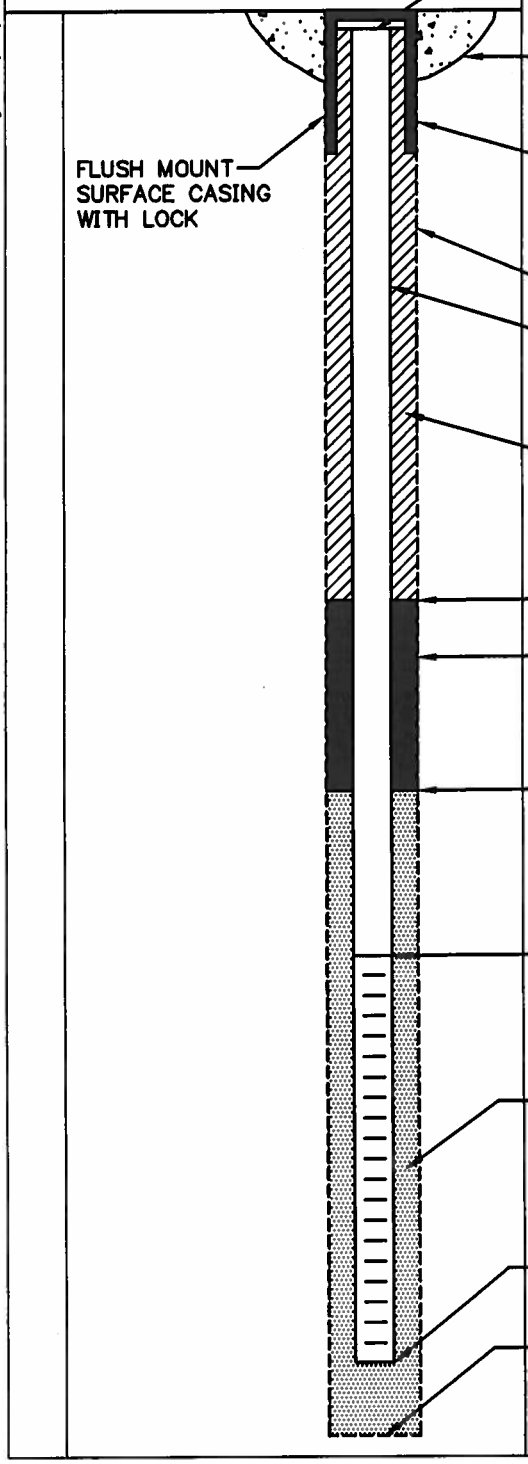
WELL NO.: IWW-22

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112EC04769	BORING: IWW-22	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/22/13	DATE COMPLETED: 9/23/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-Inch

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4-Inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Fl pro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

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WELL NO.: IWW-23

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-23	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/22/13	DATE COMPLETED: 9/22/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	

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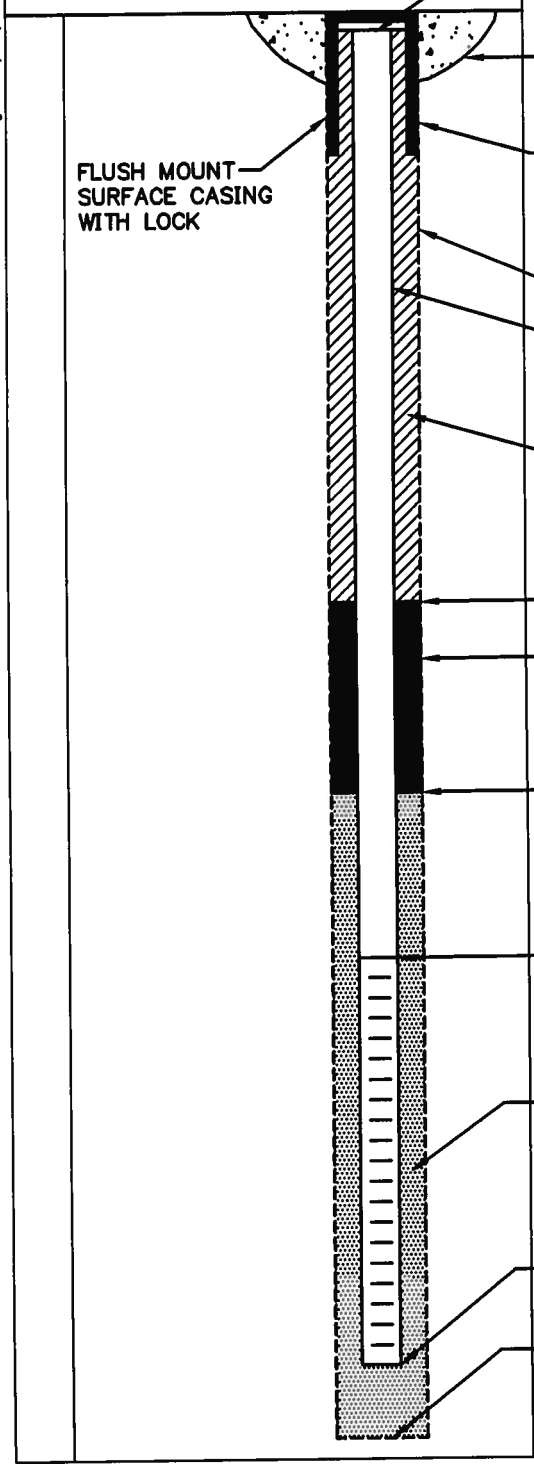

ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8-inch

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4-Inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-24

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/21/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____ DATUM: _____

LOCATION: MRC - Middle River, MD
BORING: IWW-24
DATE COMPLETED: 9/22/13

DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

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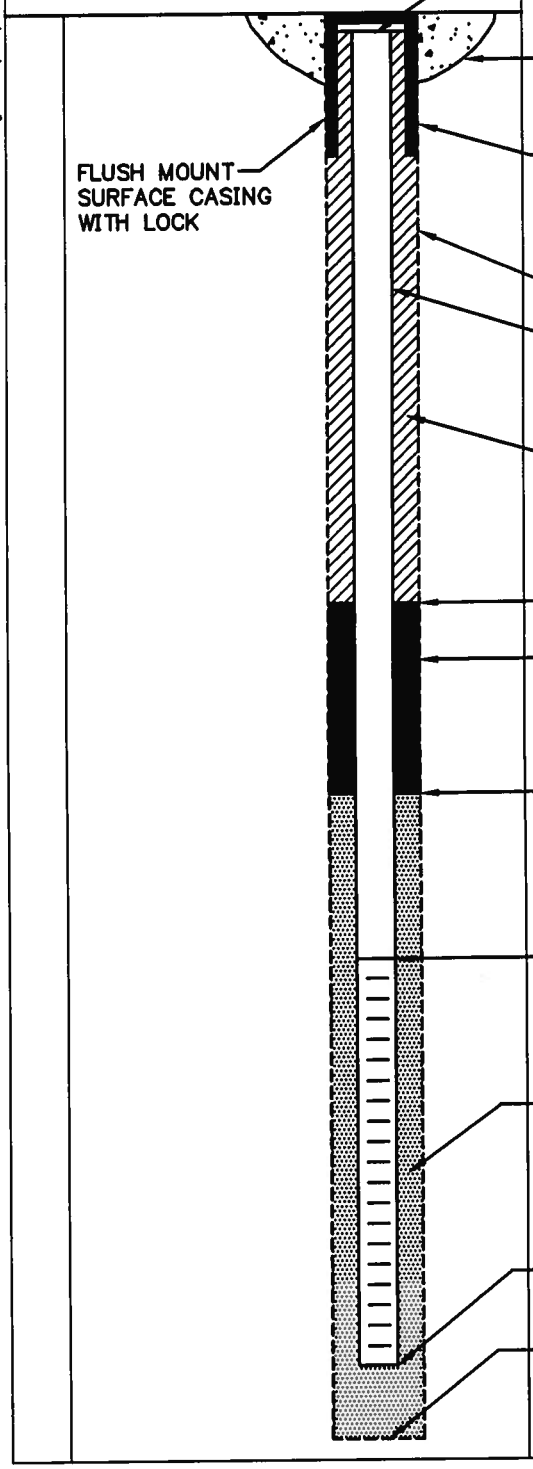

ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-25

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT Groundwater Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER Larry Hunsberger
PROJECT NO. 112IC04769	BORING IWW-25	DRILLING METHOD Rotosonic
DATE BEGUN 9/21/13	DATE COMPLETED 9/21/13	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	

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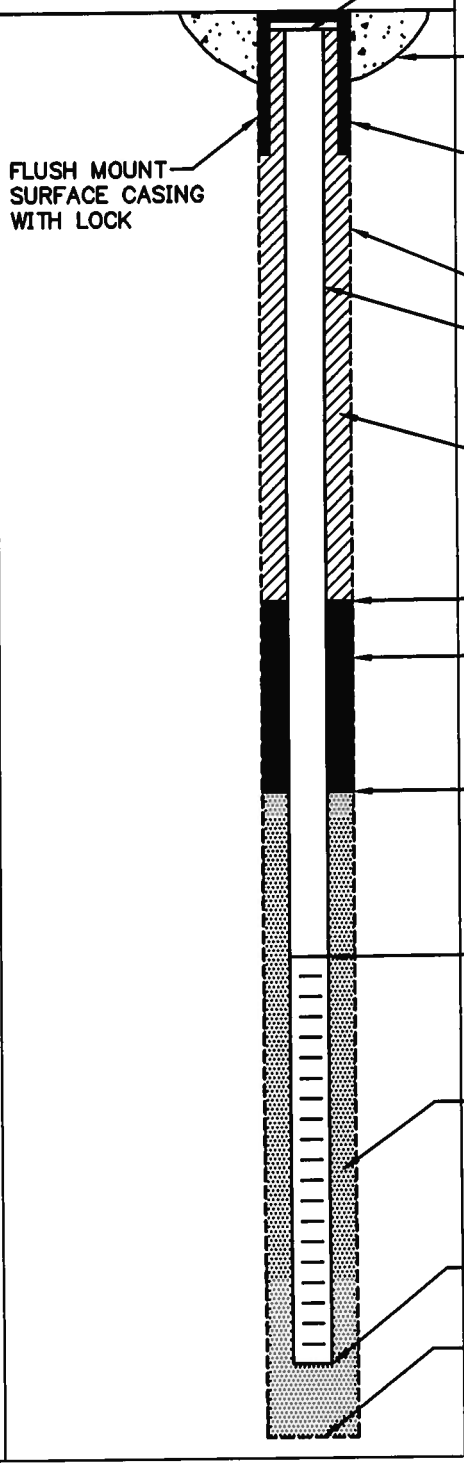

ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 inch

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'/

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'/

ELEVATION/DEPTH TOP OF SCREEN: 15'/

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand
Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'/

ELEVATION / DEPTH BOTTOM OF SAND: 35'/

ELEVATION/DEPTH BOTTOM OF HOLE: 35'/

BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-26

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/21/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-26
DATE COMPLETED: 9/21/13
DATUM: _____
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

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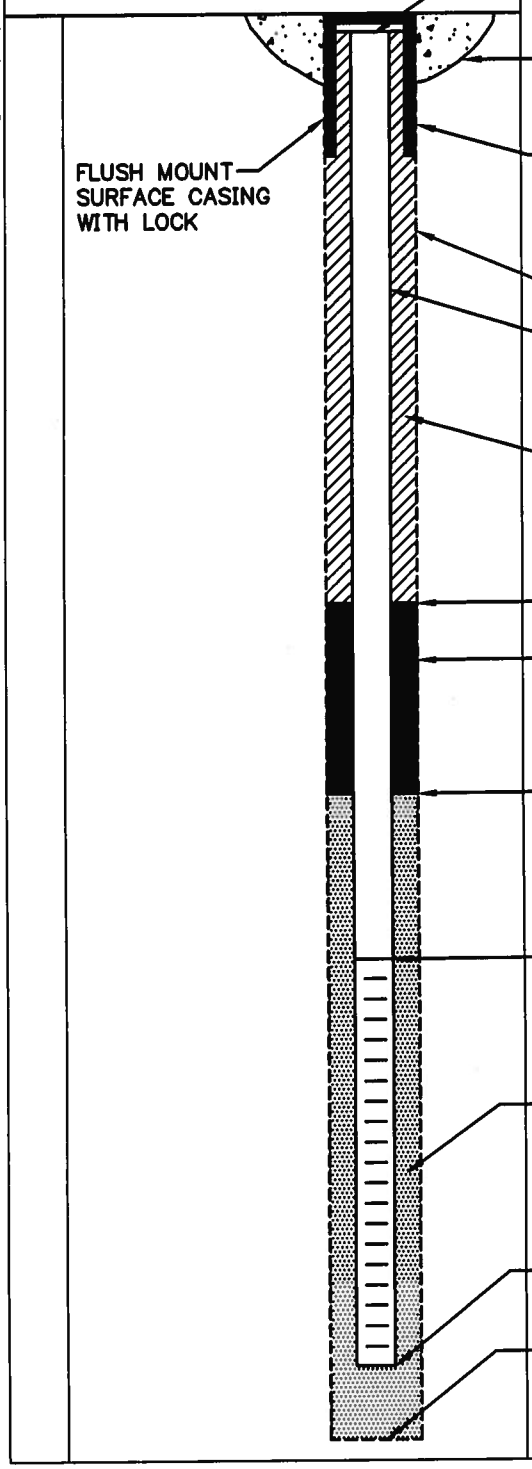

ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 inch

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: ±WW-27

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: ±WW-27	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/20/13	DATE COMPLETED: 9/20/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	

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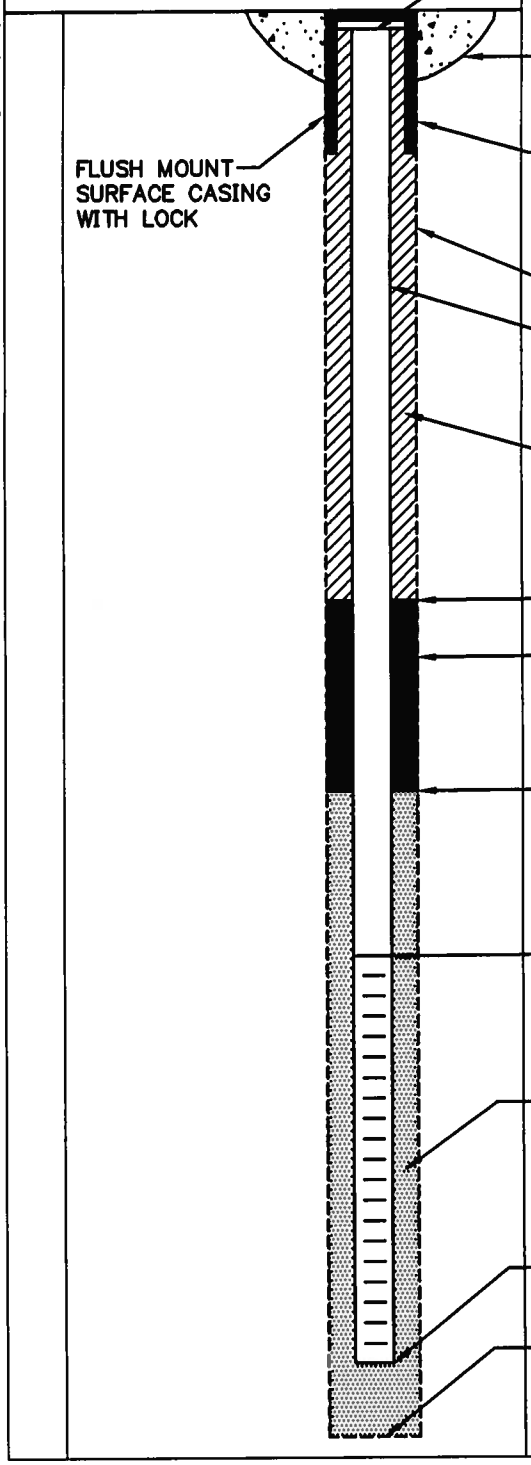


ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 inch

TYPE OF RISER PIPE: PVC sch80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'±

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'±

ELEVATION/DEPTH TOP OF SCREEN: 15'±

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'±

ELEVATION / DEPTH BOTTOM OF SAND: 35'±

ELEVATION/DEPTH BOTTOM OF HOLE: 35'±

BACKFILL MATERIAL BELOW SAND: N/A

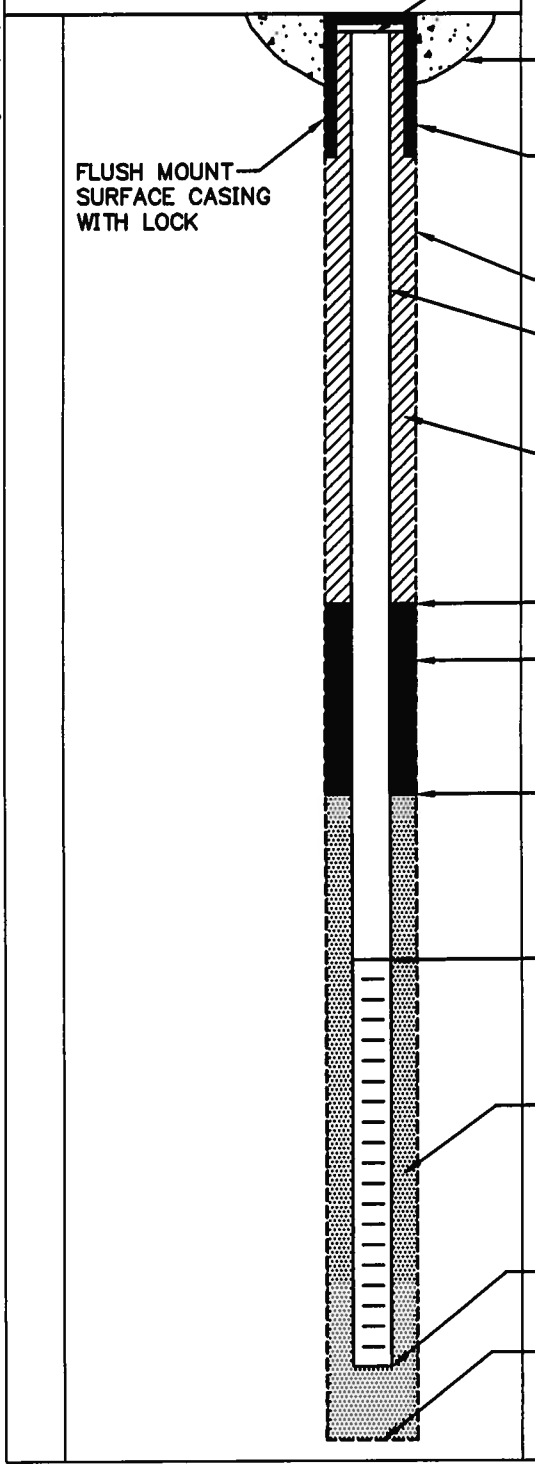
WELL NO.: IWW-28

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-28	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/20/13	DATE COMPLETED: 9/20/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 inch

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand
Fdpvd WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

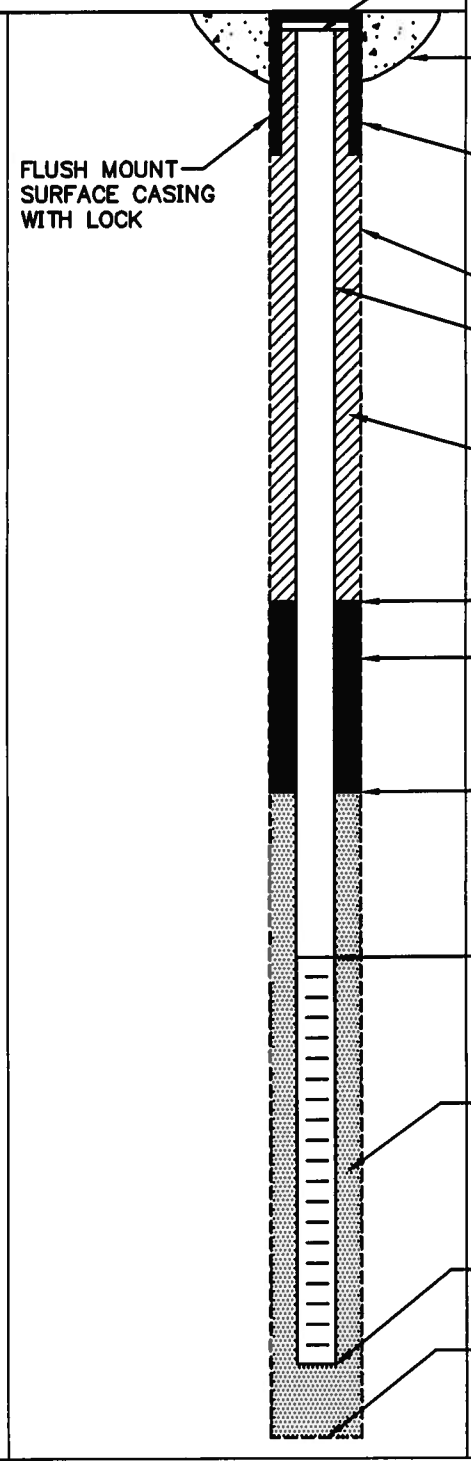
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-29

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112SC04769	BORING: IWW-29	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/19/13	DATE COMPLETED: 9/20/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 inch

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand
Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

ACAD:FORM_MWFM.dwg 07/20/99 INL

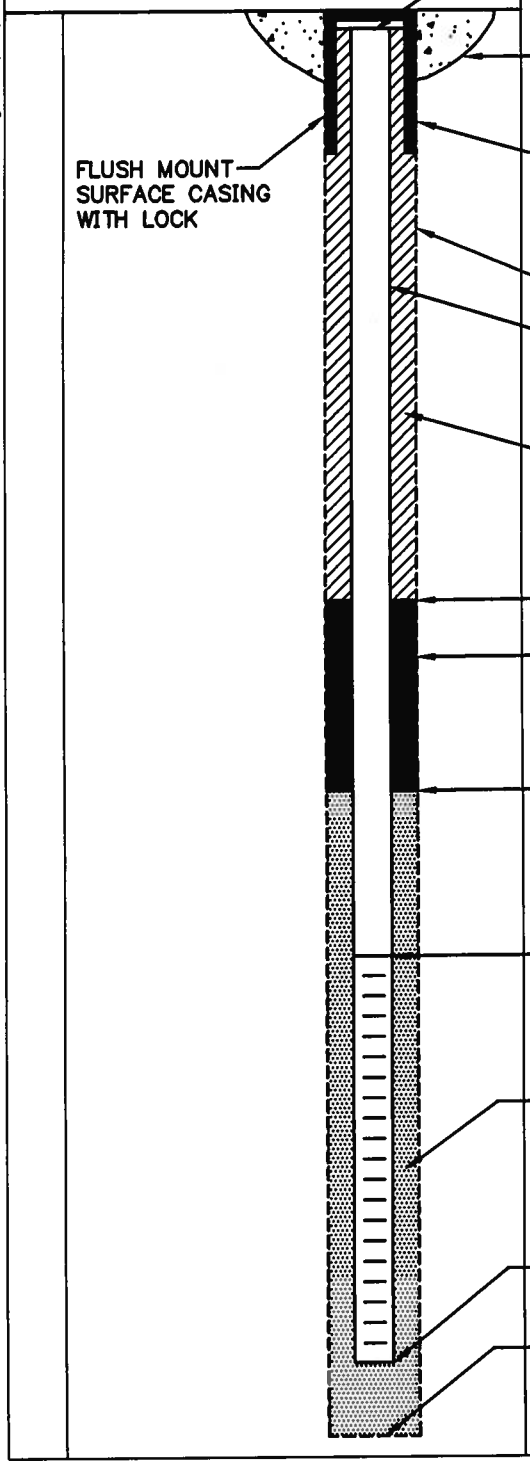
WELL NO.: IWW-30

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/19/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-30
DATE COMPLETED: 9/19/13
DATUM: _____
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

ACAD:FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30' /

ELEVATION / DEPTH BOTTOM OF SAND: 30.5' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

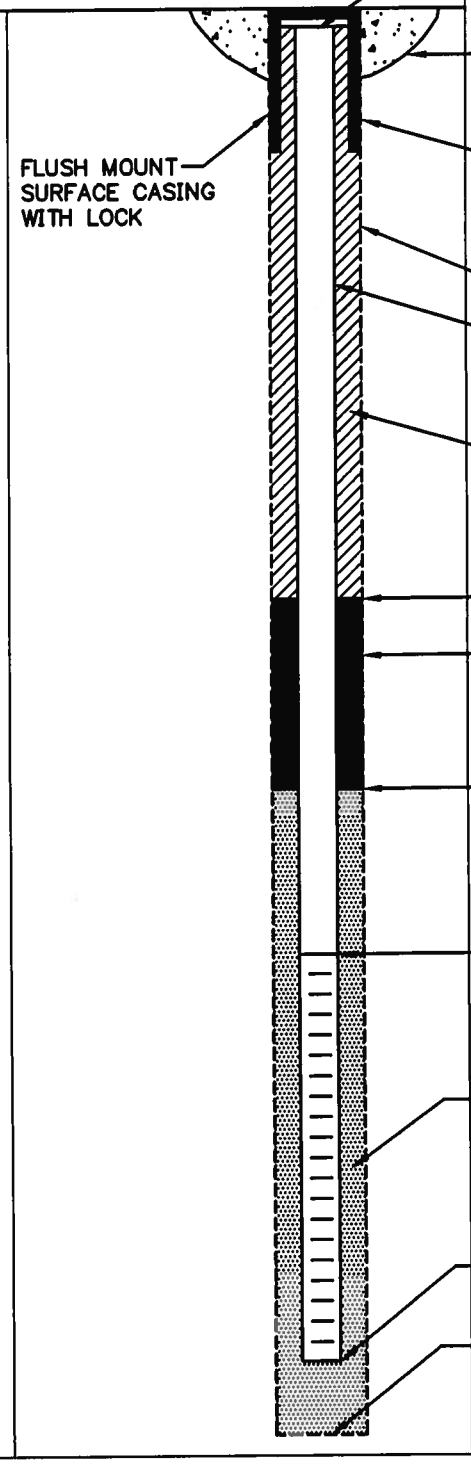
BACKFILL MATERIAL BELOW SAND: Bentonite chips

WELL NO.: IWW-31

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-31	DRILLING METHOD: Rotosonic
DATE BEGUN: 09/18/13	DATE COMPLETED: 09/19/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14' /

ELEVATION/DEPTH TOP OF SCREEN: 15' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand

Tylpro WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30' /

ELEVATION / DEPTH BOTTOM OF SAND: 30' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: Bentonite chip

ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-32

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-32	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/18/13	DATE COMPLETED: 9/18/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	

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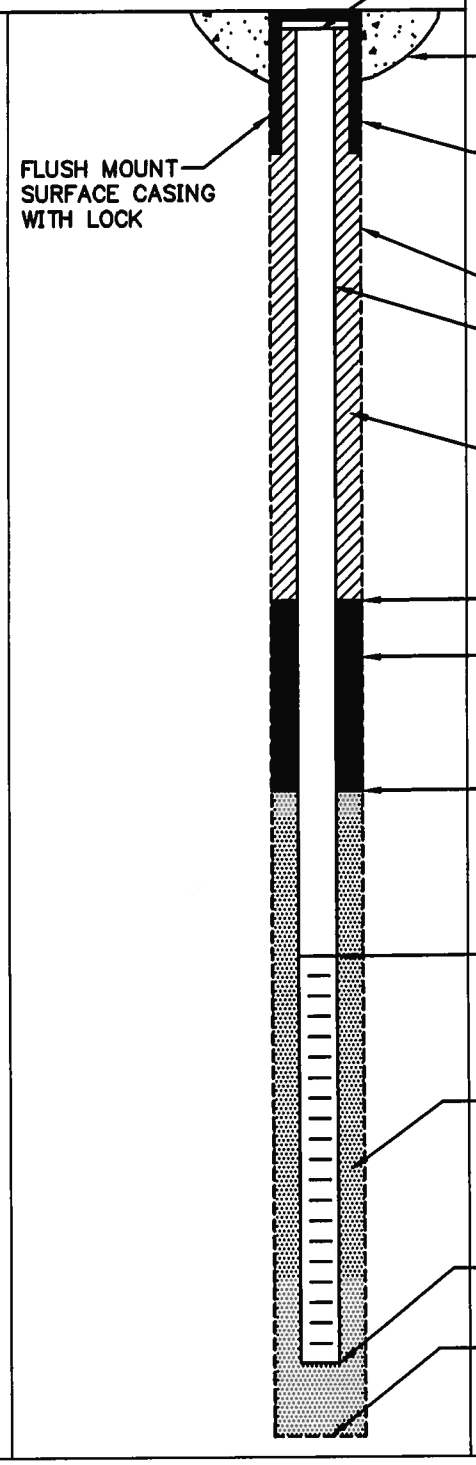


ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10'

TYPE OF SAND PACK: Silica sand
Filpro WG-A1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30' /

ELEVATION / DEPTH BOTTOM OF SAND: 30' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

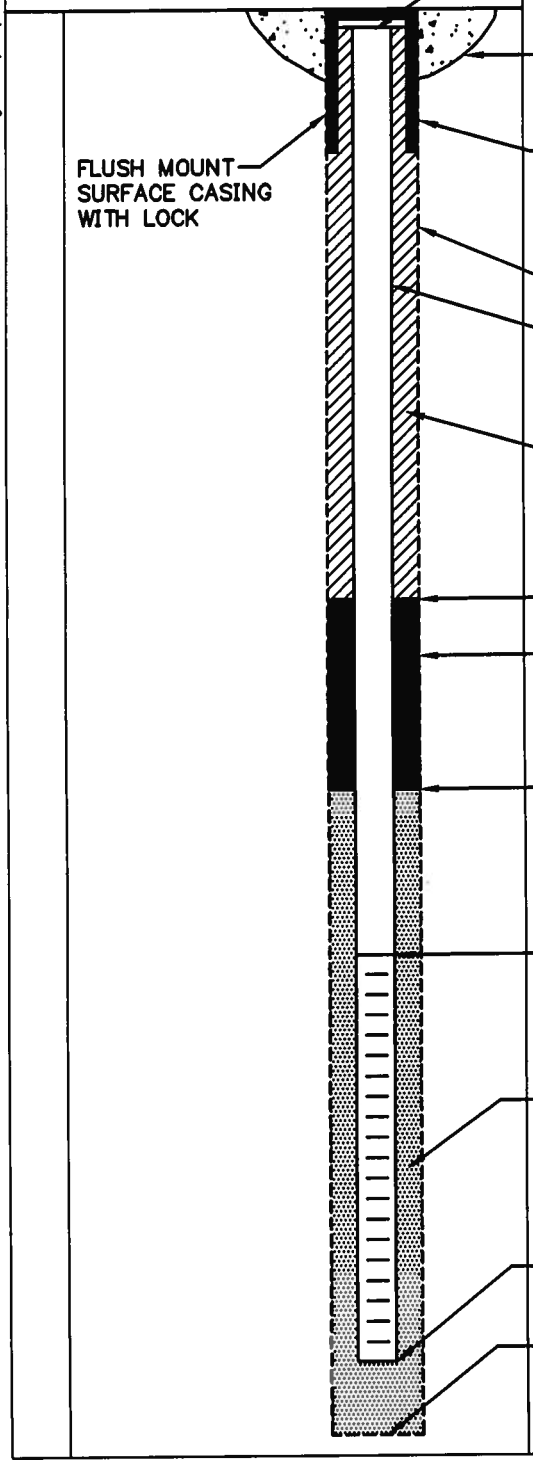
BACKFILL MATERIAL BELOW SAND: bentonite chips

WELL NO.: IWW-33

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: IWW-33	DRILLING METHOD: Rotosonic
DATE BEGUN: 9/17/13	DATE COMPLETED: 9/18/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'/

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'/

ELEVATION/DEPTH TOP OF SCREEN: 30'/

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'/

ELEVATION / DEPTH BOTTOM OF SAND: 35'/

ELEVATION/DEPTH BOTTOM OF HOLE: 35'/

BACKFILL MATERIAL BELOW SAND: N/A

ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWW-34

Tetra Tech NUS, Inc.

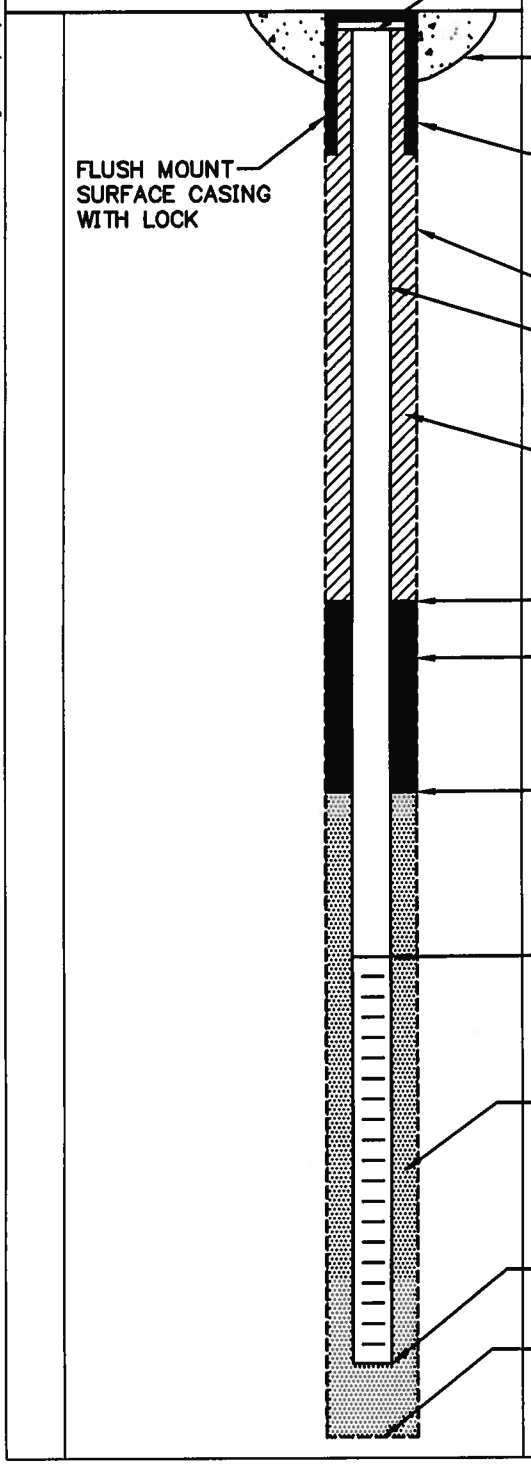
OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/16/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____ DATUM: _____

LOCATION: MRC - Middle River, MD
BORING: IWW-34
DATE COMPLETED: 9/16/13

DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8 Inch

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: 4inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WGA1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-35

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 9/16/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: IWW-35
DATE COMPLETED: 9/16/13
DATUM: _____

DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

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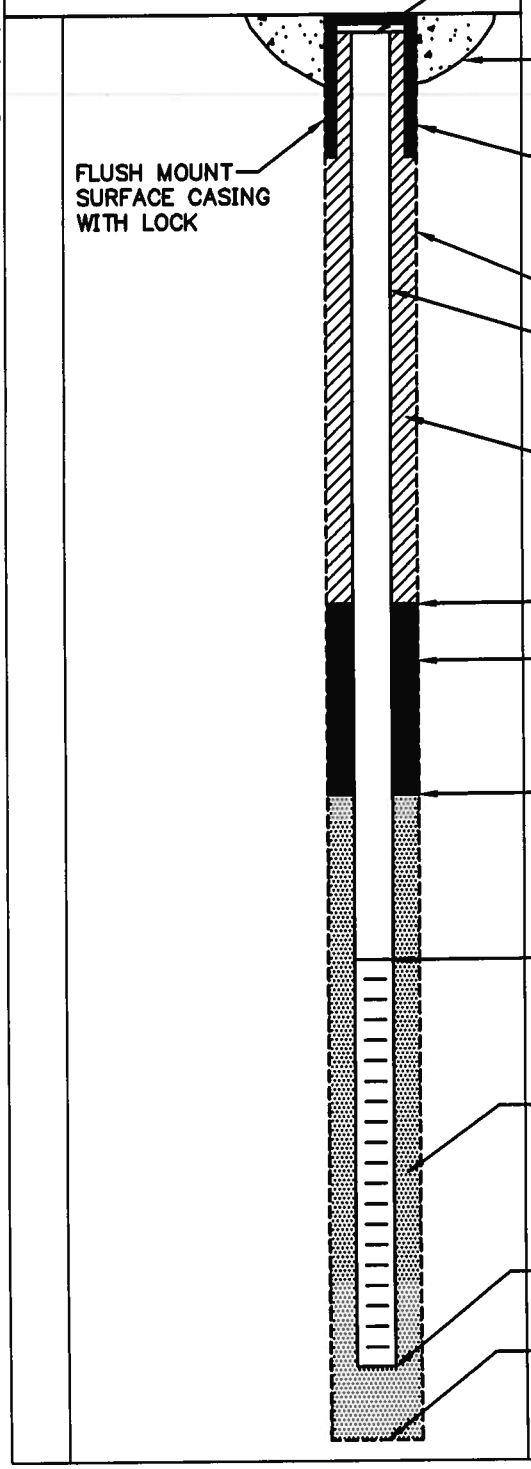


ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC - sch 80

RISER PIPE I.D.: 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand
Filpro WG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

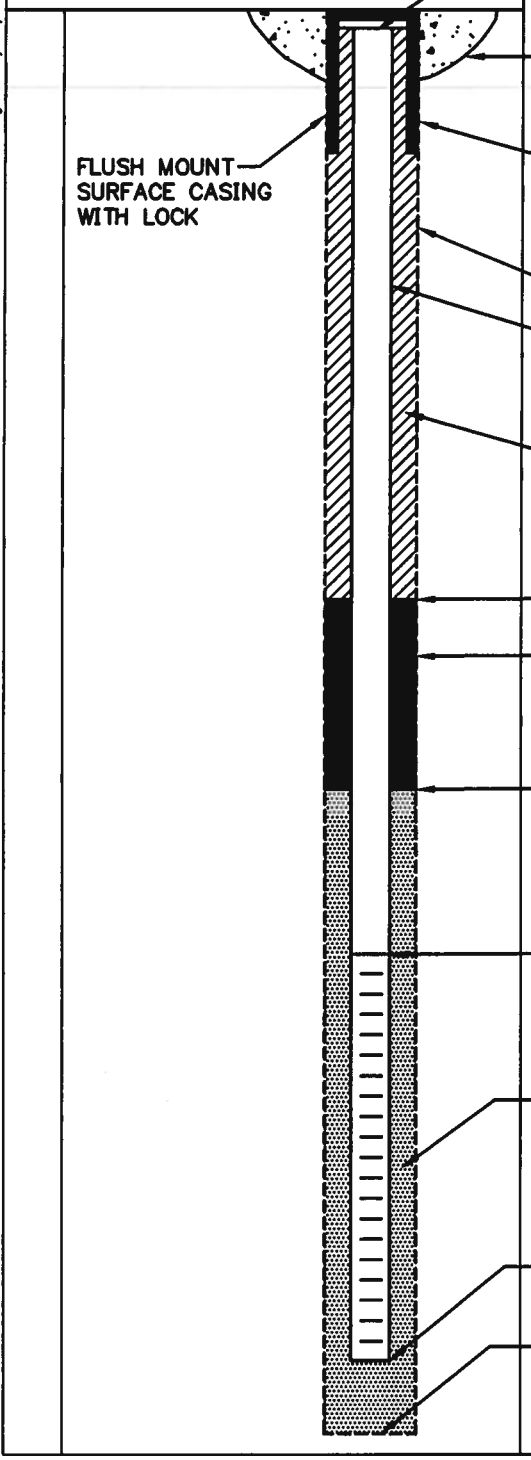
WELL NO.: IWW-36

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER Larry Hunsberger
PROJECT NO. 112IC04769	BORING IWW-36	DRILLING METHOD Rotosonic
DATE BEGUN 7/23/13	DATE COMPLETED 7/23/13	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	

ACAD: FORM_MWFM.dwg 07/28/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High strength concrete~~

TYPE OF PROTECTIVE CASING: ~~Steel vault~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: ~~2 inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 14'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 36'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

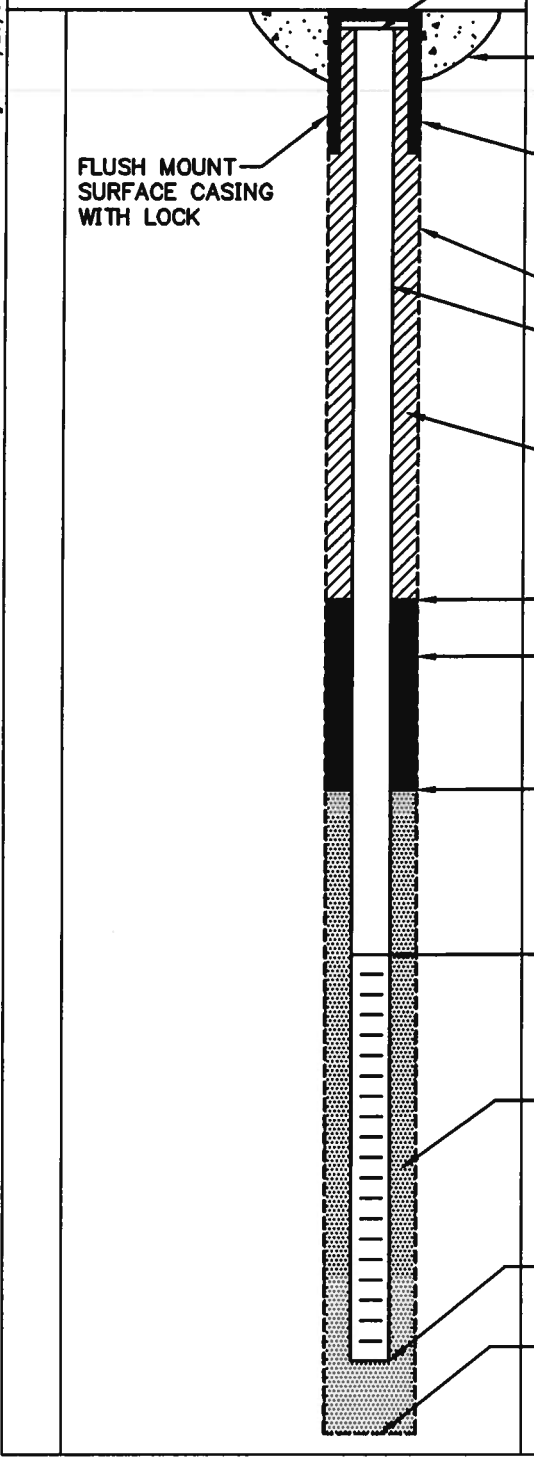
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: IWW-37

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER Larry Hunsberger
PROJECT NO. 112IC04769	BORING IWW-37	DRILLING METHOD Rotosonic
DATE BEGUN 7/30/13	DATE COMPLETED 7/31/13	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	



ELEVATION TOP OF RISER: N/A

TYPE OF SURFACE SEAL: ~~High strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel bolt~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC Sch 80

RISER PIPE I.D.: ~~two inch~~ 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 9'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 14'

ELEVATION/DEPTH TOP OF SCREEN: 15'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10'

TYPE OF SAND PACK: ~~#2/12~~ Silica sand #1 WG

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 25'

ELEVATION / DEPTH BOTTOM OF SAND: 25.5'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND: Bentonite chips

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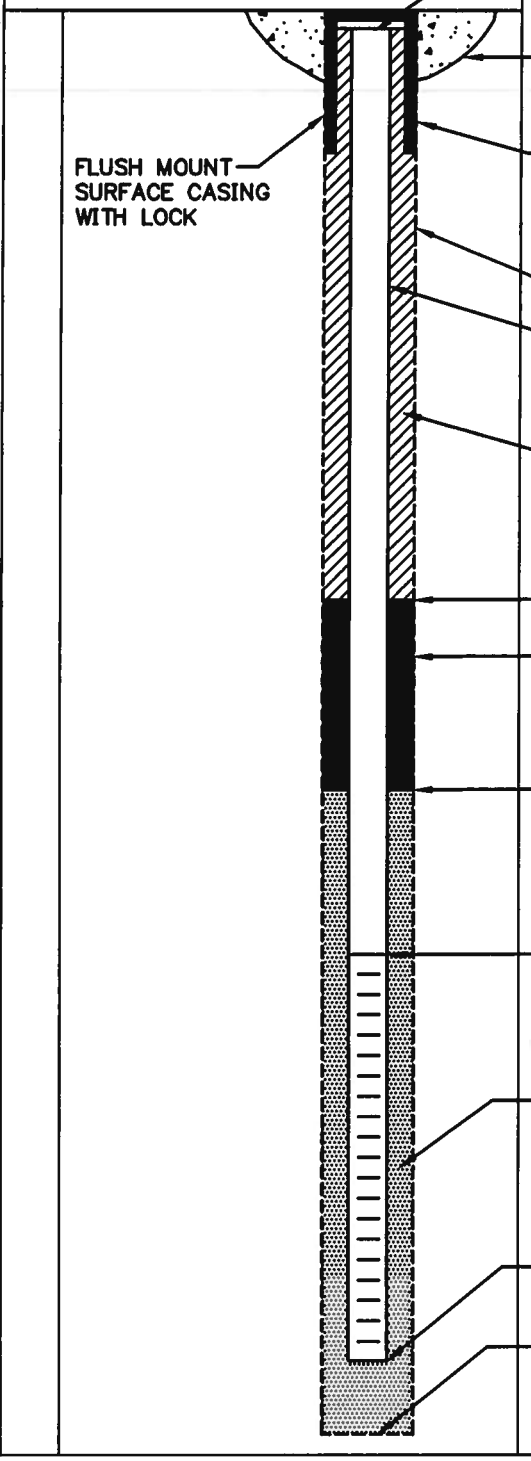
WELL NO.: IWW-38

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER Larry Hunsberger
PROJECT NO. 112IC04769	BORING IWW-38	DRILLING METHOD Rotosonic
DATE BEGUN 7/29/13	DATE COMPLETED 7/30/13	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High-strength concrete~~ NA

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: ~~Nominal~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 10'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 15'

ELEVATION/DEPTH TOP OF SCREEN: 16'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 26'

ELEVATION / DEPTH BOTTOM OF SAND: 26'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

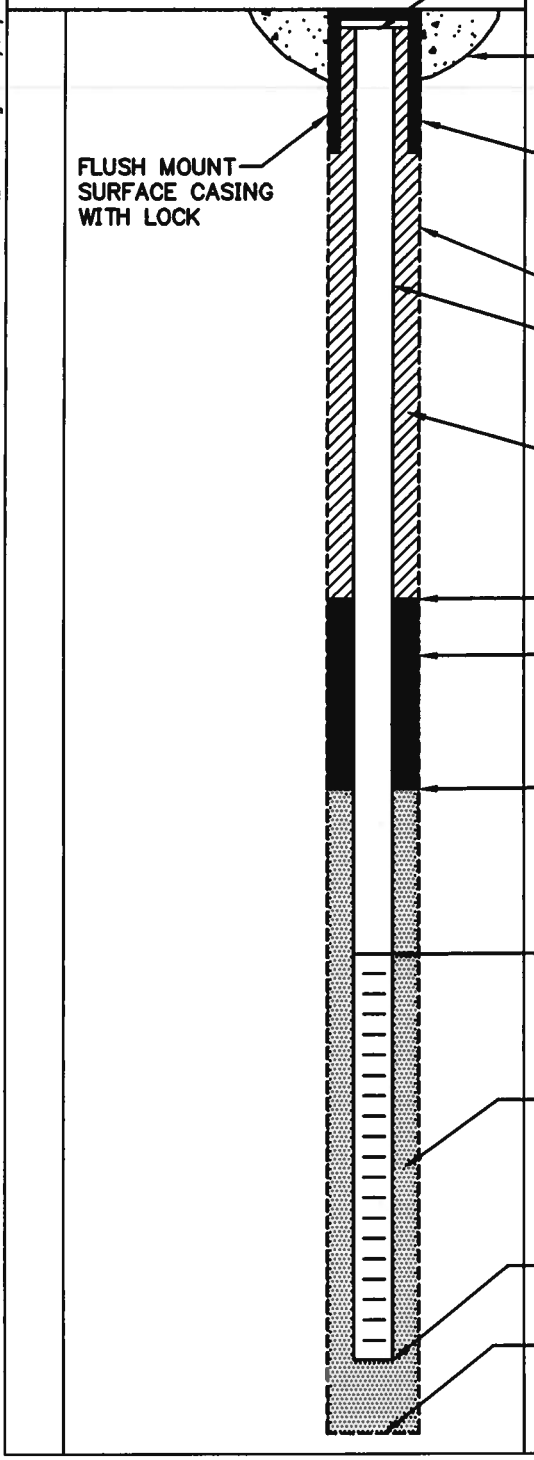
BACKFILL MATERIAL BELOW SAND: Bentonite chips

WELL NO.: IWW-39

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: GW Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 29	BORING: IWW-39	DRILLING METHOD: Rotosonic
DATE BEGUN: 7/30/12	DATE COMPLETED: 7/30/12	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: ~~High strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: ~~two inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 17'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 19'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC ~~Steel~~

SLOT SIZE x LENGTH: 0.01" x

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30'

ELEVATION / DEPTH BOTTOM OF SAND: 30.5'

ELEVATION/DEPTH BOTTOM OF HOLE: 36'

BACKFILL MATERIAL BELOW SAND: ~~NOTED~~ Bentonite chips

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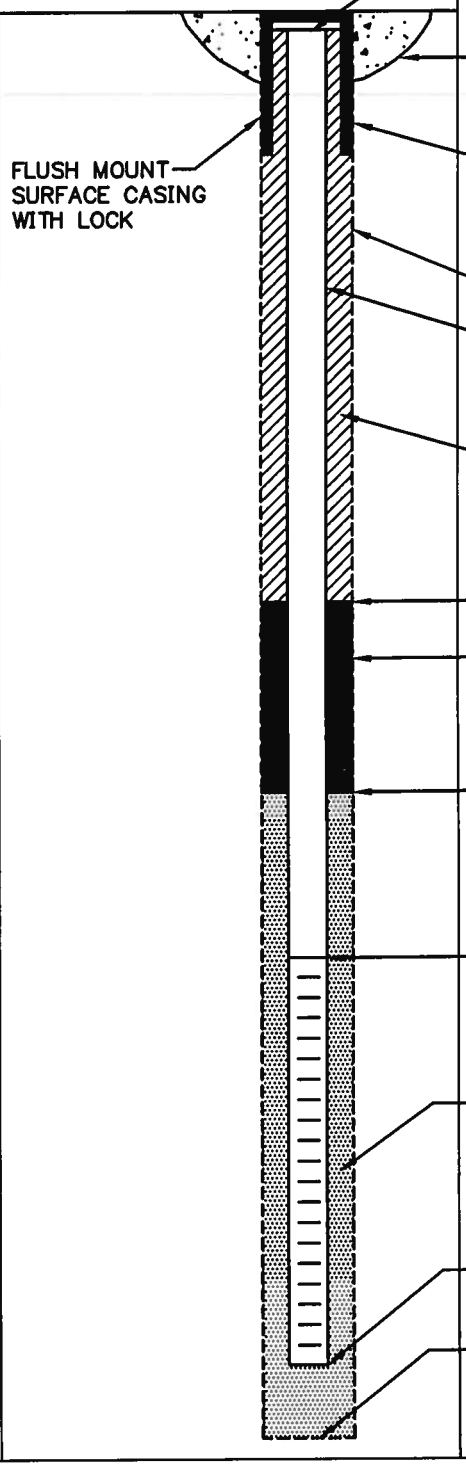
WELL NO.: SEMW-1I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.: 112IC04769
DATE BEGUN: 10/2/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: _____
LOCATION: MRC - Middle River, MD
BORING: SEMW-1I
DATE COMPLETED: 10/3/13
DATUM: _____
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: _____

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: _____

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 6 -inch

TYPE OF RISER PIPE: PVC Sch 40

RISER PIPE I.D.: 2 -inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 16'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20

TYPE OF SAND PACK: Silica sand
Filmod NG #1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30'

ELEVATION / DEPTH BOTTOM OF SAND: 30'

ELEVATION/DEPTH BOTTOM OF HOLE: 30'

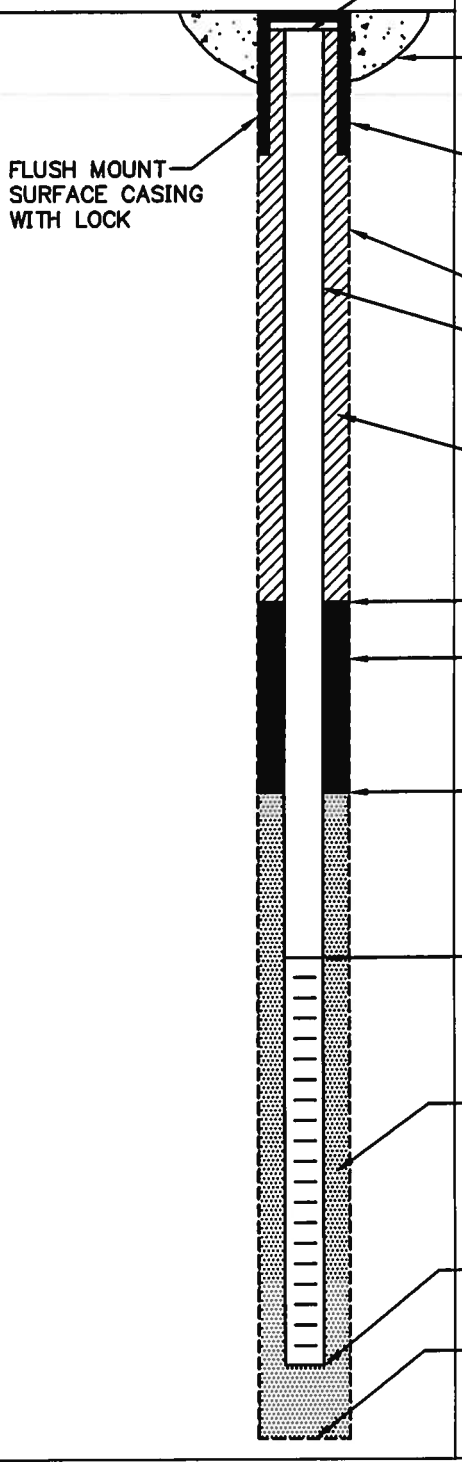
BACKFILL MATERIAL BELOW SAND: N/A

WELL NO.: SEMW-2I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING: SEMW-2I	DRILLING METHOD: Rotosonic
DATE BEGUN: 10/2/13	DATE COMPLETED: 10/2/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: N/A

TYPE OF PROTECTIVE CASING: N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 6-inch

TYPE OF RISER PIPE: PVC Sch40

RISER PIPE I.D.: 2-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 16'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10

TYPE OF SAND PACK: Silica sand
Fill pvd WG#1

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30'

ELEVATION / DEPTH BOTTOM OF SAND: 30'

ELEVATION/DEPTH BOTTOM OF HOLE: 30'

BACKFILL MATERIAL BELOW SAND: N/A

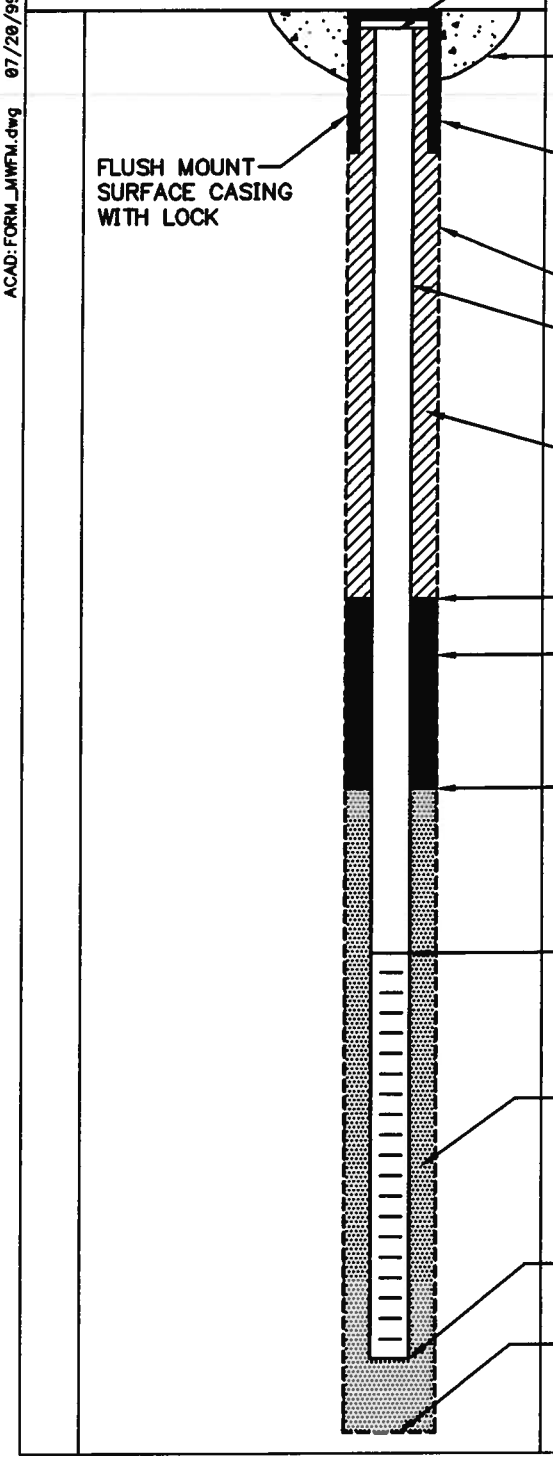
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: SWMW-5I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT Groundwater Remediation Blocks E, G & I 2013 | LOCATION MRC - Middle River, MD | DRILLER Larry Hunsberger
PROJECT NO. 112IC04769 | BORING SWMW-5I | DRILLING METHOD Rotosonic
DATE BEGUN 7/23/13 | DATE COMPLETED 7/23/13
FIELD GEOLOGIST W. O'Niell | DEVELOPMENT METHOD
GROUND ELEVATION | DATUM



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High Strength Concrete~~

TYPE OF PROTECTIVE CASING: ~~PVC~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 6"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 6'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 8'

ELEVATION/DEPTH TOP OF SCREEN: 10'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: Silica sand

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30'

ELEVATION / DEPTH BOTTOM OF SAND: 31'

ELEVATION/DEPTH BOTTOM OF HOLE: 31'

BACKFILL MATERIAL BELOW SAND: N/A

ACAD: FORM_MWFM.dwg 07/20/99 INL

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112G04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-1
DATE: 6/28/13
GEOLOGIST: WALT QUEZAL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sample BZ**	Borehole**	Driller BZ**
			0										
			4"				asphalt			0.0			
							light gray sand + gravel fill						
							no plast, v. sl. moist, soft			0.0	GB		
			5							0.2			
			5.5'				cement						
			7							0.2			
							Gravel fill				GF		
			9				light brown/gray/red mottles, dark mottles silty clay, v. sl. moist, low plast			0.0	CL		
			10				light brown sand w/gravel, possibly fill, moist				GF		
			11				light brown/gray silty clay, sl. moist, low plast organic fabric			0.4	CL		
			12.5				light brown sandy silt, no plast, v. sl. moist				ML		
			13				dk. gray to blk, silty clay w/ light brown organic matter v. low plast to soft, sl. moist			1.6	ML CL		
							light gray to dk. gray, silty clay, low plast, sl. moist				CL		
			15				light brown sandy silt, no plast, v. sl. moist, rootlets, lt. gray mottles			0.9	ML		
			16				light brown/red sandy silt, v. low plast, v. sl. moist				ML		
			18.5				light brown w/gray mottles, clayey silt v. low plast, v. sl. moist			0.8	CL ML		
							light brown silty sand, no plast, sl. moist				SM		
							light brown w/gray mottles @ 18.5			2.0	ML		
			20				Sandy silt to silty sand, v. low plast, v. sl. moist						
							light brown, sand (coarse with fine) wet, soft			1.5	SP/SM		
			21.5										
							light brown, clayey silt + silty clay			4.0	CL		
							v. low plast, v. sl. moist						
			25							8.9	CL		

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWN-1

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112G04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-1
DATE: 6/28/13
GEOLOGIST: MATT DIEGEL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sample BZ**	Borehole BZ**	Driller BZ**
			25										
			26				light brown, silty clay, dry, soft, few pebbles at top			8.8	CL		
							light brown to red brown			11.4			
							silty clay, w. low plast,						
							w. sl. moist, gray/purple mottles			17.6	CL		
			30				Sandy silty clay at 29.5-30						
			30.5				light gray w/purple mottles, silty clay, w. low plast, w. sl. moist			5.7	CL		
			31.5				dark brown/purple clay, low plast, v. sl. moist				CL		
			32				light gray/purple silty clay, sl. moist, w. low plast						
							light gray/purple interlayered			2.0			
							silty clay, low plast, sl. moist				CL		
			35							3.7			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWN-1

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112 IC04789
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-2
DATE: 6/29/13
GEOLOGIST: WALT ONEILL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	~~Sampler BZ~~	Borehole**	Driller BZ**
			0										
			3"				asphalt			0.8			
							brown gravelly sand fill, v. sl. moist, soft (to 10'), coarse, unsorted				GP		
							light gray sand fill to silty sand fill			2.7			
			~3.5'				v. sl. moist (to 1')					SM	
			4.5				concrete			2.5			
			5				dk. brown to light red silty clay, v. low plast, v. sl. moist @ 4.5-5.5					CL	
							dk. brown w/purple mottles, clay, v. low plast, v. sl. moist @ 5.5-7.0						
			7				brown/red silty clay, low plast			1.7		CL	
							v. sl. moist, purple mottles (dark)			2.8			
			10										
							light brown/red clayey silt			2.3			
							med plast, sl. moist					CL	
			12.5				light brown with red mottles, dark gray mottles			2.1			
							sandy silt to silty sand, wet to moist at 13-14					ML	
			15				sl. moist, low plast			3.4			
							light brown w/gray mottles			5.2			
							silty clay to clayey silt						
							v. sl. moist, v. low plast			2.6	CL		
			20										
										63.4			
										69.3			
							dk. brown w/ purple mottles, sandy silt, coarse grained						
			25				low plast, sl. moist			20.3	ML		

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.7

Converted to Well: Yes X No ____ Well I.D. #: IWN-2

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112-IE04989
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-2
DATE: 6/29/13
GEOLOGIST: WALT ONIELL
DRILLER: LARRY TUNSBERG

USGS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sample BZ*	Borehole**	Driller BZ**
			25				See page 1			10.3			
										17.4		ML	
			26										
							dark brown, clay, v. low plast			10.8			
			30				v. sl. moist					CL	
			31							8.4			
							dark red/purple silty clay					CL	
			33				sl. moist, lw plast (med plast N-32)			51			
							dk. gray silty clay, sl. moist to mod. med plast					CL	
			35							7.2			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.3

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWN-2

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04[illegible]9
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-3
DATE: 6/29/13
GEOLOGIST: WALT ONJELL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	* ~~[illegible]~~	Remarks	PID/FID Reading (ppm): Sample	~~Sampler BZ~~	Borehole**	Driller BZ**
			0										
			7.5"				asphalt			0.8			
			1.05'				gravelly fill, brown, clay to gravel				GP		
			2.05'				sl. moist, v. low plast						
			3'				cement						
							light brown/red clay, v. sl. moist, v. low plast			1.0	CL		
			4'				light brown, silty clay, v. sl. moist, v. low plast, rootlets				CL		
			5 4.5				light brown, sandy silt, v. sl. moist, soft			1.5	ML		
							light brown to dk brown, silty clay						
							v. sl. moist, v. low plast, rootlets			1.4	CL		
			8				some light gray mottles						
							red/brown silty clay, med plast, sl. moist, friable @10'			1.7			
			10								CL		
			11				light brown silty sand, soft, moist			4.4	SM		
							light brown to red/brown						
							sandy silt, moist, soft			8.6	SM		
			14										
			15							12.2			
							red brown w/ gray mottles						
							silty clay, v. sl. moist			15.5	CL		
							v. low plast, friable @19-20'						
							sandy silt at 16.5-17.0			28.7			
			20										
			21							52.4			
			21.5				dark brown ~~[illegible]~~ coarse sand, moist, soft				SM		
							dark brown clayey silt w/ some sand			57.0			
							v. sl. moist, v. low plast				CL		
			25							38.0			

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWN-3

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IL04739
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-3
DATE: 6/29/13
GEOLOGIST: DALTE ONIELL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	~~Sampler BZ~~	Borehole**	Driller BZ**
			25										
							purple / dark red silty clay,			38.0			
							moist, low plast			9.0	CL		
			28										
							purple/ dark red/brown clayey silt, sl. moist, v. low plast			28.1	CL SM		
			30				Sand lens @ 29' (coarse, well sorted) moist, v. low plast				CL		
										6.0			
							Dark gray, silty clay						
							moist, high plast			6.2	CH		
			35							3.5			

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWN-3

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112 IC04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-4
DATE: 6/28/13
GEOLOGIST: WALT ONEILL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	~~PID/FID~~	Remarks	PID/FID Reading (ppm): Sample	~~Sampler BZ~~	Borehole**	Driller BZ**
			0										
			8"				asphalt			0.4			
							brown to gray to light gray			~~0.7~~			
							gravelly sand fill, v. low plast			0.7			
							sl. moist						
			5				ON ramp at highest point			0.3	GM		
										0.5			
										0.4			
			10										
							Cement w/rebar			1.4			
			12										
			13				dark gray silty clay, med plast, sl. moist, rootlets			1.5	CL		
							dark gray to red brown, light gray mottles				ML		
			15				clayey sandy silt, low plast, moist,			1.7			
			15.5										
							red brown, clayey silt w/some sand			1.5			
							low plast, moist, gray mottles				CL		
										1.3			
			20										
							light brown w/ gray mottles, silty clay			1.5			
							v. sl. moist, v. low plast						
							clay lens mottles at 21-21.5			2.1	CL		
			25							3.0			

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No ____ Well I.D. #: IWN-4

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IC04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-4
DATE: 6/28/12
GEOLOGIST: WALT ONEILL
DRILLER: LARRY INNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sample BZ*	Borehole**	Driller BZ**
							dark brown/red brown w/purple mottles			3.0			
							vr. low plast, vr. sl. moist			1.6			
							silty clay				CL		
										2.1			
			30										
							light to dark brown, sandy silt			1.1	ML		
			32				vr. sl. moist, vr. low plast						
			33				brown/red, clay, low plast, vr. sl. moist, gray mottles			2.3	CL		
							brown/red w/purple mottles, silty clay,				CL		
			35				low plast, vr. sl. moist			2.0			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWN-4

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112EC04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-5
DATE: 6/27/13
GEOLOGIST: WALT ONEILL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification		Remarks	PID/FID Reading (ppm): Sample	Sample BZ**	Borehole**	Driller BZ**
			0				5" Blacktop		* on ramp	1.3			
							5"-2': Brown gravel fill, sl. moist		* metal pipes		GP		
							2'-4.5': gray silty sand fill, sl. moist		in fill	1.1			
							4.5-5': asphalt fill				SM		
			5				5-8: coarse sand fill, moist	soft		1.4			
										1.0	SM		
			8										
							blue gray to brown silty clay sl. moist, low plast			1.6	CL		
			10				rootlets						
							gray to brown silty clay, v. sl. moist, v. low plast			7.7			
			12				high organic layer 10-10.2' (forest litter), black				CL		
							gray, clayey silt, low plast, moist			3.3	CL		
			14										
			15				light brown, clayey silty, low plast, moist			3.8	CL		
			16										
							red brown, clayey silty,			3.9			
							v. low plast, moist (v. sl.)				CL		
										3.8			
			20										
							brown, clayey silt, v. low plast			3.9			
							v. slight moist				CL		
			23							7.1			
			24				red brown, silty clay, soft, dry				CL		
			25				light brown, silty clay, v. low plast, v. sl. moist			9.6	CL		

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWN 5

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112G04764
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-5
DATE: 6/27/13
GEOLOGIST: WALT ONEILL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	Remarks	PID/FID Reading (ppm): Sample	Sample/FBE	Borehole**	Driller BZ**
			25				reddish brown, Silty Clay & Clayey silt		9.6	CL		
							vr. low plast, vr sl. moist		13.0			
			28									
							red/brown with purple mottles		15.8			
			30				Silty clay, vr low plast, vr. sl. moist			CL		
							red/brown/purple w/ grey mottles		10.6			
							Silty clay, low plast, vr sl. moist			CL		
							31.5-32.5 clay lens, stiff, dry, V. low plast		4.8			
			35						3.0			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWN-5

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112G04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-6
DATE: 6/27/12
GEOLOGIST: WALT OWELL
DRILLER: LARRY HUNSBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	*	Remarks	PID/FID Reading (ppm): Sample	Borehole**	Driller BZ**
			0				0-5": asphalt 5"-1.5' gravel			1.2		
							1.5'-2.3' cement					
			2.3				lgt gray to brown clay w/some silt, low plast			0.7	CL	
			3.5				vr. sl. moist, rootlets					
			4.5				dk gray to brn, w/purple mottles, silty clay				CL	
							Sandy Sand, v. sl. moist, v. low plast			1.1		
							light brown w/ gray + dark mottles, silty clay				CL	
							v. low plast, vr sl. moist			1.6		
			8									
							dk. gray w/ brown interlayered, silty clay,			2.9	CL	
			10				moist, med plast.					
			11				red/brown silty clay, vr sl. moist, low plast			2.0	CL	
							brown clayey sand, vr sl. moist, vr low plast. (Soft)				SM	
			13							3.1		
							red brown w/ light gray mottles					
			15				clayey silt, low plast, vr. sl. moist			3.4	CL	
										12.0		
			18.5				dark brown sandy clay to clayey sand			32.5	SM	
			20				soft to v. low plast, sl. moist				CL	
			21				light brown sand, vr low plast, very moist, soft			45.7	SM	
			22				red brown silty clay, low plast, sl. moist				CL	
			23				red brown, sand w/gravel, poorly sorted, soft, moist			32.6	SM	
							red brown w/ purple mottles, vr sl. moist				CL	
			25				silty clay to clayey silt, v. low plast			58.7		

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWN-6

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 117401769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-6
DATE: 6/27/12
GEOLOGIST: WALT ONEILL
DRILLER: LARRY HUNSBERGER (BCS)

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	*	Remarks	PID/FID Reading (ppm): Sample	Samplespace	Borehole**	Driller BZ**
			25							58.7			
							see bot. of page 1			366			
											CL		
			29							3.9			
			30				purple red, clay w/some silt, v. sl. moist, low plast				CL		
							light gray, silty clay, med plast			1.5			
			32				sl. moist				CL		
							dark gray, silty clay, med. plast, sl. moist			2.5			
			34										
			35				dark gray, clay w/some silt, low plast, v. sl. moist			2.0			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.1

Converted to Well: Yes X No _____ Well I.D. #: IWN-6

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112I04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-7
DATE: 6/26/13
GEOLOGIST: WALT ONEILL
DRILLER: LARRY THUNBERGER

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	USCS
			10"		1" blacktop / 9" cement			0.9				
					red brown silty clay, slightly friable, very slightly moist			1.3				
			5		6" clay lens at 2' and 3.5'			3.1				CL
					red brown SILTY CLAY, med plast very slight moist			6'-6.5' low plast 3.6				
			8'									
			8.5'		light gray, clay and silty clay, med plast, v. slight moist, mottles							
			10		light gray to red brown, low plast, slightly moist			clayey sand to sandy clay 2.5				SC
					red brown, clayey sand, low plast, slightly moist			2.2				
			12.5'		red brown w/ gray mottles, sandy clay, v. low plast, v. slight moist				6.8			CL
			14'		~~red brown silty clay, very low plast, v. sl. moist~~			gravel layer 4.6				GP
			14.3' 15		red brown silty clay, v. low plast, v. slight moist				3.2			CL
			19'						5.1			
			20		brown, clayey silt w/ some sand, slight. moist, low plast							CL
					dark brown coarse sand, soft, wet				3.0			SM
			23'						28.6			
			25		reddish brown, silty clay, w. low plast, v. slightly moist				2.8			CL

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: IWN-7

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER: 112IL04769
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-7
DATE: 6/26/13
GEOLOGIST: WALT PNEILL
DRILLER: LARRY HUNSBERGER OSCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ*	Borehole**	Driller BZ**
			25'										
					reddish	brown,	silty clay, vi slight moist, low plast			2.8			
			27'							17.9			
					red	brown to red gray,	clay w/some silt						
			29'				low plast, v. sl moist			9.2			
			30'		light	gray w/ dark gray	mottles				CL		
			31'				silty clay, low plast, vi sl. moist			1.3			
					light	gray to dark gray,	silty clay						
			33'				low plast, v. sl. moist			1.2			
					dark	gray w/ white	mottles, clay w/some silt						
			35'				vi sl. moist, low plast.			0.8			

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.1

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWN-7

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-8
DATE: 6/25/13
GEOLOGIST: W. Unell
DRILLER: Larry Hunsbarger USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks: PID/FID Reading (ppm)
	0						2" Asphalt over 10" concrete		2.3
							gray, orange, brown silty clay, pliable dry		1.0
	5						red brown gray silty clay, slightly pliable slightly moist	CL	2.3
							red brown silty clay slightly pliable, very slight moisture		2.6
	10						red brown black silty clay, slightly pliable w/ rootlets, organics at 8.5-9', slightly moist	OL/Pt	26.4
							gray brown silty clay to clayey silt, pliable, slightly moist	CL	7.4
							light brown silty clayey sand, soft, moist	SM	13.6
	15						red brown w/ gray streaks, silty clay, dense, v. slightly pliable, v. slight moisture	CL	2.6
							red brown gray streaked silty clay dense stiff, dry		8.3
	20						red brown sandy silt slightly pliable moist w/ wet sand @ 20.75 to 21.5'	SM	7.9
							red brown gray streaked, silty clay pliable slightly moist	CL	12.6
	25								13.7
									10.0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No Well I.D. #: IWN-8

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: Groundwater Remediation Blocks E, G & I 2013
PROJECT NUMBER:
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: IWN-8
DATE: 6/25/13
GEOLOGIST: W. ONTH
DRILLER: Larry Hunsberger

USCS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown gray streaked silty clay, pliable slightly moist		100	CL			
									50.8				
							red brown silty clay to clay, dense slightly pliable, v. slight moisture		1.7				
	30												
							gray silty clay pliable, v. slight moisture		13.2				
										CL			
									16.6				
							DARK GRAY silty clay, dense, slightly pliable, very slight moisture						
	35								18.4				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: IWN-8

Tetra Tech NUS, Inc.

BORING LOG

Page 1 of 2

PROJECT NAME: ~~Supplemental Investigation Block E & I 2013~~ GW Remediation Blocks E, G, I 2013
PROJECT NUMBER: 112IC05326
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: NMW-1I
DATE: ~~6/25/13~~ 6/25/13
GEOLOGIST: D. ONeil
DRILLER: Larry Hansberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						Asphalt		0.0				
							red brown poorly sorted Fill silt to gravel stiff moist	GP					
							grey silty clay, slightly plastic 6" concrete	moist CL	0.0				
							Brown to red brown clayey silt, v. slightly plastic dry						
	5								0.0				
							DARK GRAY CLAY DENSE, STIFF, DRY						
							red orange silty clay slightly plastic, dry		0.0				
							BROWN silty SANDY CLAY slightly plastic v. slight moisture 3" SAND LENS @ 4.5						
							Brown silty & sandy clay slightly plastic, moist		0.2				
	10												
								CL	0.3				
							red, brown, orange clay to silty						
							clay, slightly plastic		0.2				
							v. slight moisture						
	15								0.3				
							red brown clayey silt to silty clay						
							slightly plastic, v. slight moisture		1.7				
							Gray brown silty sand, soft, wet	SM	3.2				
	20												
									26.7				
							red brown silty clay, stiff to slightly plastic, dry to v. slight moisture	CL	38.4				
	28						Note TD = 28'		13.2 / 6.3				

PID 24-26'
PID 26-28'

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes X No _____ Well I.D. #: NMW-1I

Tetra Tech NUS, Inc.

BORING LOG

Page 1 of 2

PROJECT NAME: ~~Supplemental Investigation Block E & I 2013~~ GW Rem. System Installed Blocks E, G I
PROJECT NUMBER: ~~112085326~~
DRILLING COMPANY: Boart-Longyear
DRILLING RIG: Spider Sonic

BORING No.: ~~NMW~~ NMW - 3I
DATE: 6/24/13
GEOLOGIST: W. ONeil
DRILLER: Larry Thursberge

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						2" Asphalt over 10" concrete		3.8				
							red brown clay, slightly plastic dense V. slight moisture	CL					
							Brown silty clay, slightly plastic dense V. slight moisture		2.5				
							red brown orange silty clay to clay, dense, slightly plastic V. slight moisture						
	5								0.0				
							Brown sandy silty plastic moist	SM					
									0.6 ~~1.2~~				
							Brown silty clay slightly plastic V. slight moisture		1.2 ~~0.8~~				
	10						orange brown gray silty clay plastic, slightly moist						
									0.8 ~~0.3~~				
							orange brown gray silty clay, dense stiff, V. slight moisture		1.8 ~~0.3~~ 0.0				
	15						red brown	CL	0.3 ~~0.0~~ ~~0.3~~				
							silty clay						
							dense stiff V. slight moisture		0.0 ~~0.3~~ ~~3.8~~				
									0.3 ~~5.8~~ ~~3.6~~				
	20												
							gray brown silty sandy clay slightly plastic, slightly moist		5.6 ~~3.9~~				
									5.6 ~~3.9~~				
	25						red brown clay dense slightly plastic dry		3.9				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: _____

Converted to Well: Yes ✓ No _____ Well I.D. #: ~~NMW - 3I~~ NMW - 3I

Tetra Tech NUS, Inc.

BORING LOG

GW Rem. System Installed Block E, G, I

Page 2 of 2

NMW-3I

PROJECT NAME: ~~Supplemental Investigation Block E & I 2013~~ BORING No.: ~~MWN-3I~~

PROJECT NUMBER: ~~112IG05326~~ DATE: 6/24/13

DRILLING COMPANY: Boart-Longyear GEOLOGIST: W O'Neil

DRILLING RIG: Spider Sonic DRILLER: Larry Hunsberger

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25						red brown clay dense, slightly moist	CL	3.9				
									1.0				
							Gray silty clay slightly plastic						
							V. slightly moist	CL	0.0				
	30												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

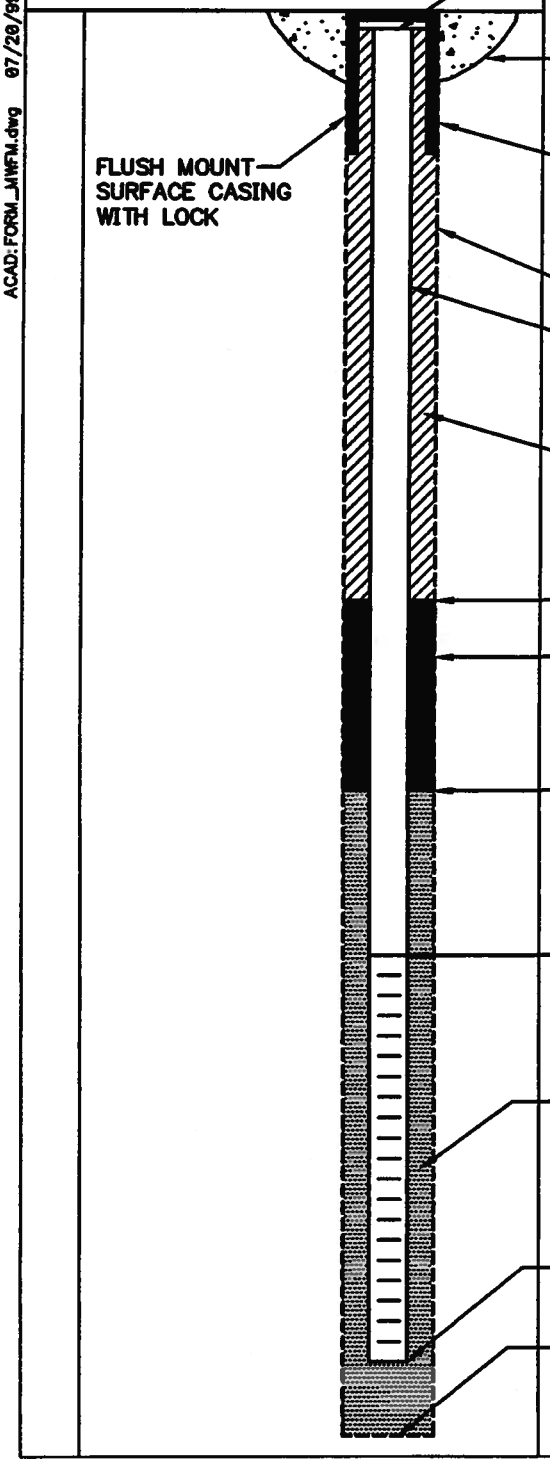
Converted to Well: Yes X No _____ Well I.D. #: ~~MWN-3I~~ NMW-3I

WELL NO.: IWN-1

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT: GW Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hursberger
PROJECT NO.: 112G04769	BORING:	DRILLING METHOD: Rotosonic
DATE BEGUN: 6/28/12	DATE COMPLETED:	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Neill		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: High strength concrete

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING:

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC SCH 80

RISER PIPE I.D.: ~~two inch~~ 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18 /

ELEVATION/DEPTH TOP OF SCREEN: 20 /

TYPE OF SCREEN: PVC SCH 80

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Global #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35 /

ELEVATION / DEPTH BOTTOM OF SAND: 35 /

ELEVATION/DEPTH BOTTOM OF HOLE: 35 /

BACKFILL MATERIAL BELOW SAND: N/A

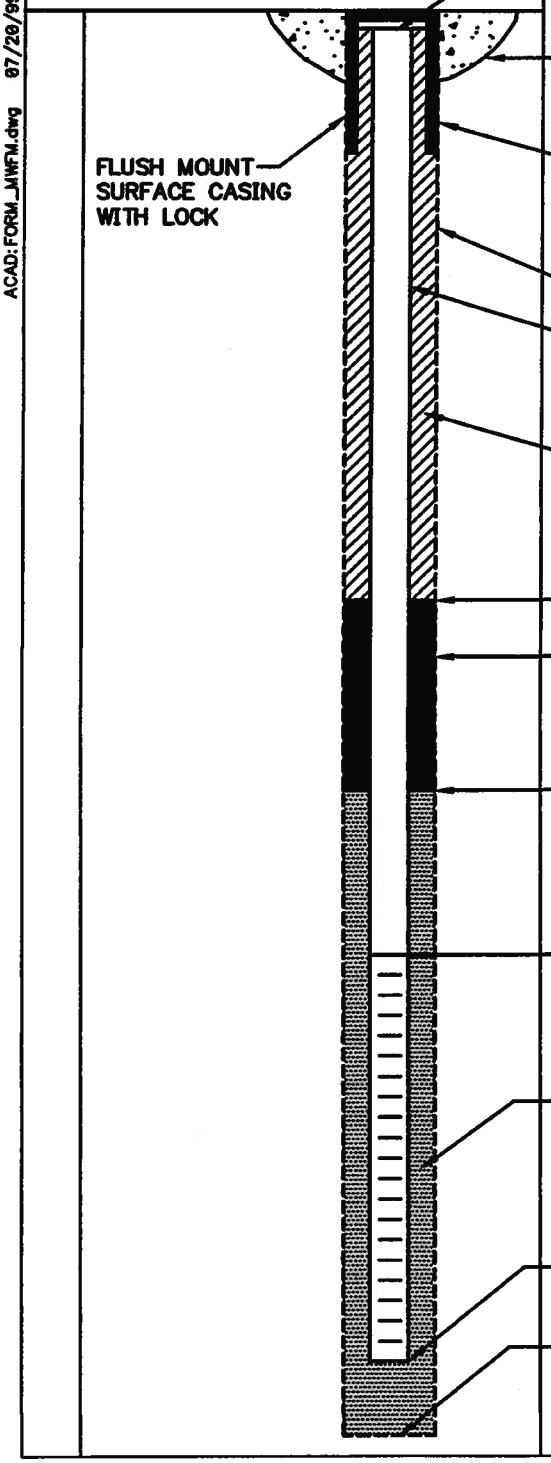
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWN-2

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER LARRY HANSBERGER
PROJECT NO. 117G04679	BORING	DRILLING METHOD Rotosonic
DATE BEGUN 6/21/13	DATE COMPLETED	DEVELOPMENT METHOD
FIELD GEOLOGIST Walter O'Niell		
GROUND ELEVATION	DATUM	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: High strength concrete

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING:

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC SCH 80

RISER PIPE I.D.: ~~two inch~~ 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC SCH 80

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Global #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

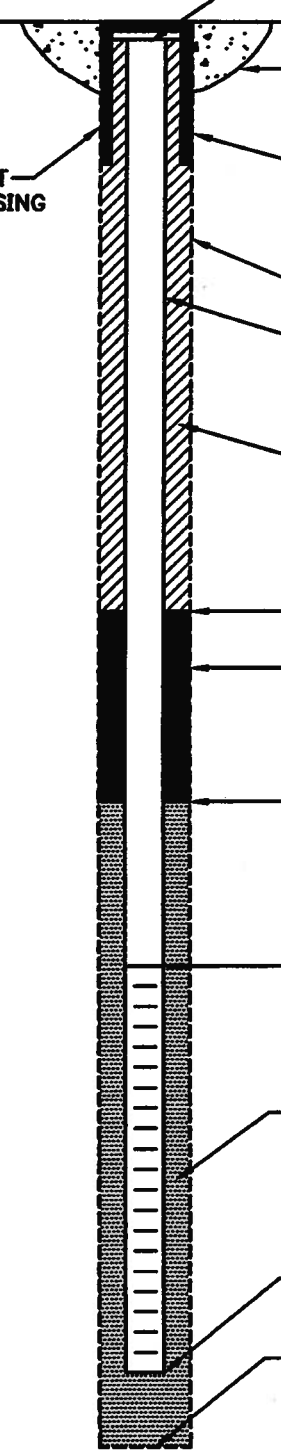
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWN-3

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013	LOCATION MRC - Middle River, MD	DRILLER LARRY HUNSDERGER
PROJECT NO. 112IL04679	BORING	DRILLING METHOD Rotosonic
DATE BEGUN 6/29/13	DATE COMPLETED	
FIELD GEOLOGIST Walter O'Niell		DEVELOPMENT METHOD
GROUND ELEVATION	DATUM	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: High strength concrete

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING:

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC SCH 80

RISER PIPE I.D.: ~~two-inch~~ 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC SCH 80

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand GLOBAL #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

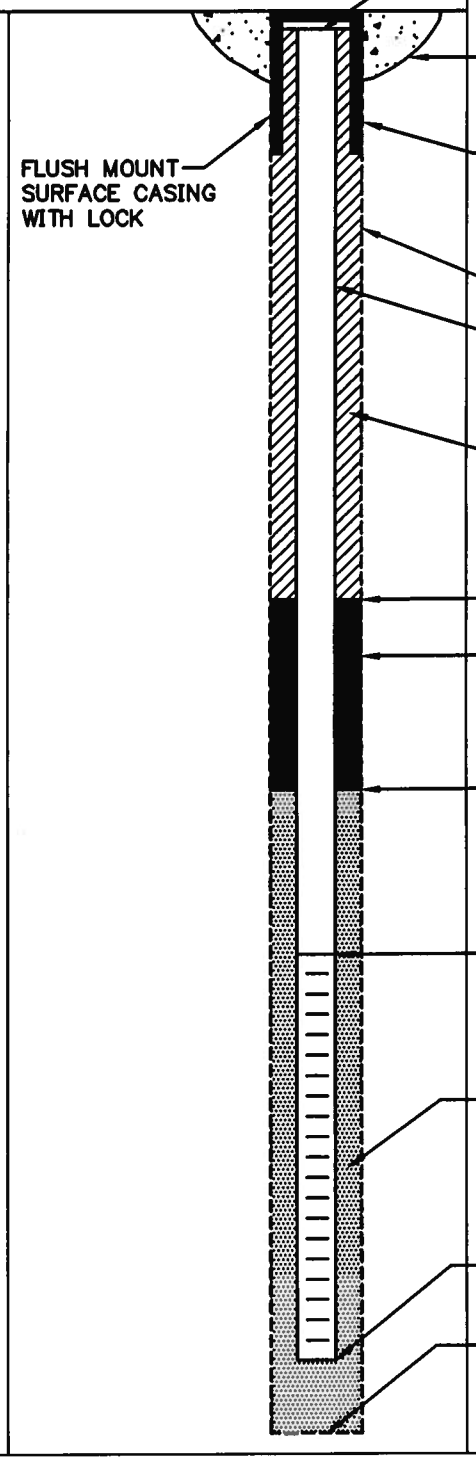
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWN-4

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.:	BORING: IWN-4	DRILLING METHOD: Rotosonic
DATE BEGUN: 6/28/13	DATE COMPLETED: 6/28/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD: sub pump
GROUND ELEVATION: N/A	DATUM: N/A	



ELEVATION TOP OF RISER: N/A

TYPE OF SURFACE SEAL: ~~High-strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: ~~two-inch~~ 4-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18'

ELEVATION/DEPTH TOP OF SCREEN: 20'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: #5 Silica sand
Global #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35'

ELEVATION / DEPTH BOTTOM OF SAND: 35'

ELEVATION/DEPTH BOTTOM OF HOLE: 35'

BACKFILL MATERIAL BELOW SAND: N/A

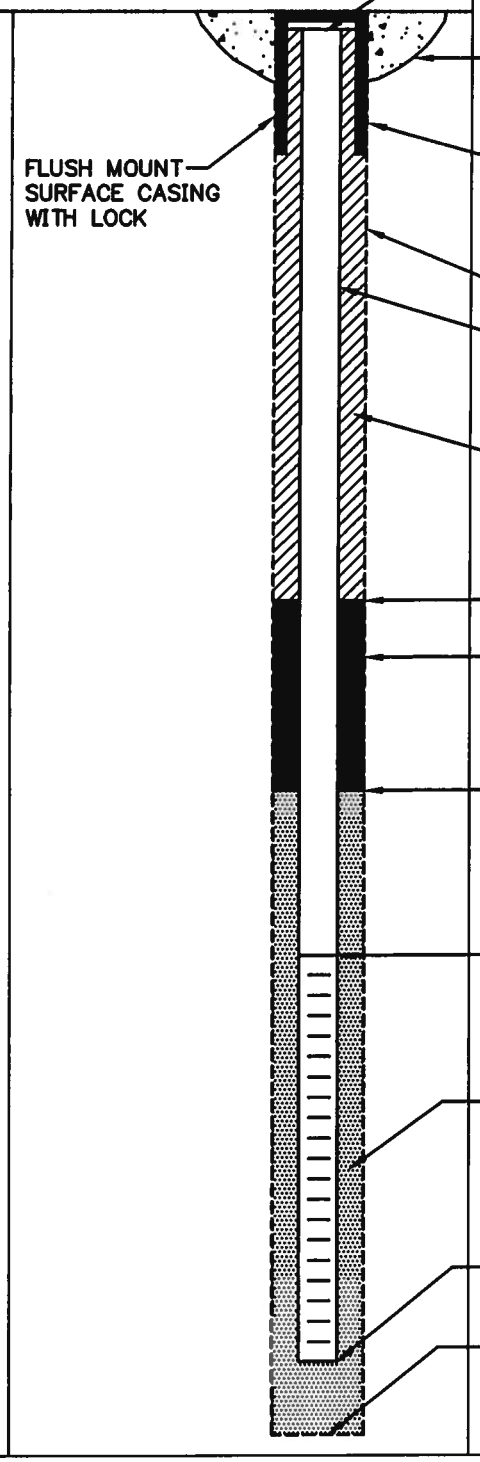
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWN-5

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: GW Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: LARRY HUNSBERGER
PROJECT NO.: 112I-04769	BORING:	DRILLING METHOD: Rotosonic
DATE BEGUN: 6/27/13	DATE COMPLETED: 6/27/13	
FIELD GEOLOGIST: Walter O'Niell		DEVELOPMENT METHOD:
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER: N/A

TYPE OF SURFACE SEAL: ~~High strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC SCH 80

RISER PIPE I.D.: ~~inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC SCH 80

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: ~~Silica sand~~ Global #3

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

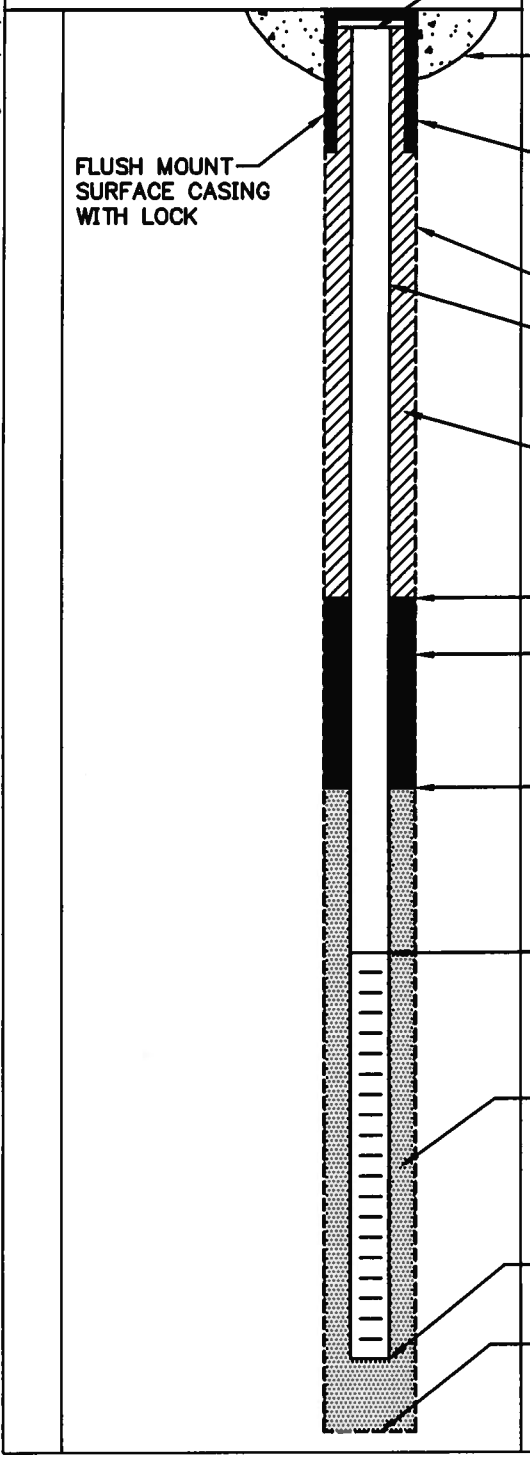
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWN-6

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112IC04769	BORING:	DRILLING METHOD: Rotosonic
DATE BEGUN: 6/27/13	DATE COMPLETED: 6/27/13	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER: N/A

TYPE OF SURFACE SEAL: ~~High strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING:

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC SCH 80

RISER PIPE I.D.: ~~two inch~~ 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC SCH 80

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Global #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35FI /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

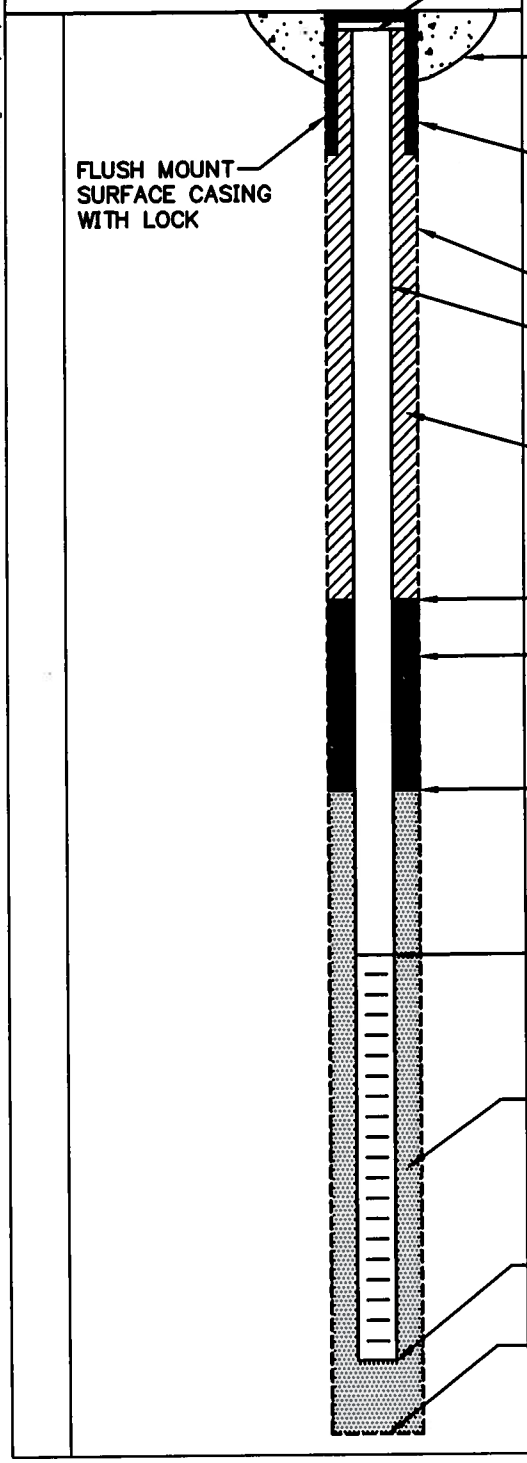
ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: IWN-7

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT: Groundwater Remediation Blocks E, G & I 2013	LOCATION: MRC - Middle River, MD	DRILLER: Larry Hunsberger
PROJECT NO.: 112G04769	BORING:	DRILLING METHOD: Rotosonic
DATE BEGUN: 6/26/13	DATE COMPLETED:	DEVELOPMENT METHOD:
FIELD GEOLOGIST: Walter O'Niell		
GROUND ELEVATION:	DATUM:	



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High strength concrete~~ N/A

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ N/A

I.D. OF PROTECTIVE CASING:

DIAMETER OF HOLE: 8" SCH 80

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: ~~two-inch~~ 4"

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13' /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18' /

ELEVATION/DEPTH TOP OF SCREEN: 20' /

TYPE OF SCREEN: PVC SCH 80

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: Silica sand Global #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35' /

ELEVATION / DEPTH BOTTOM OF SAND: 35' /

ELEVATION/DEPTH BOTTOM OF HOLE: 35' /

BACKFILL MATERIAL BELOW SAND: N/A

ACAD:FORM_MWFM.dwg 07/20/99 INL

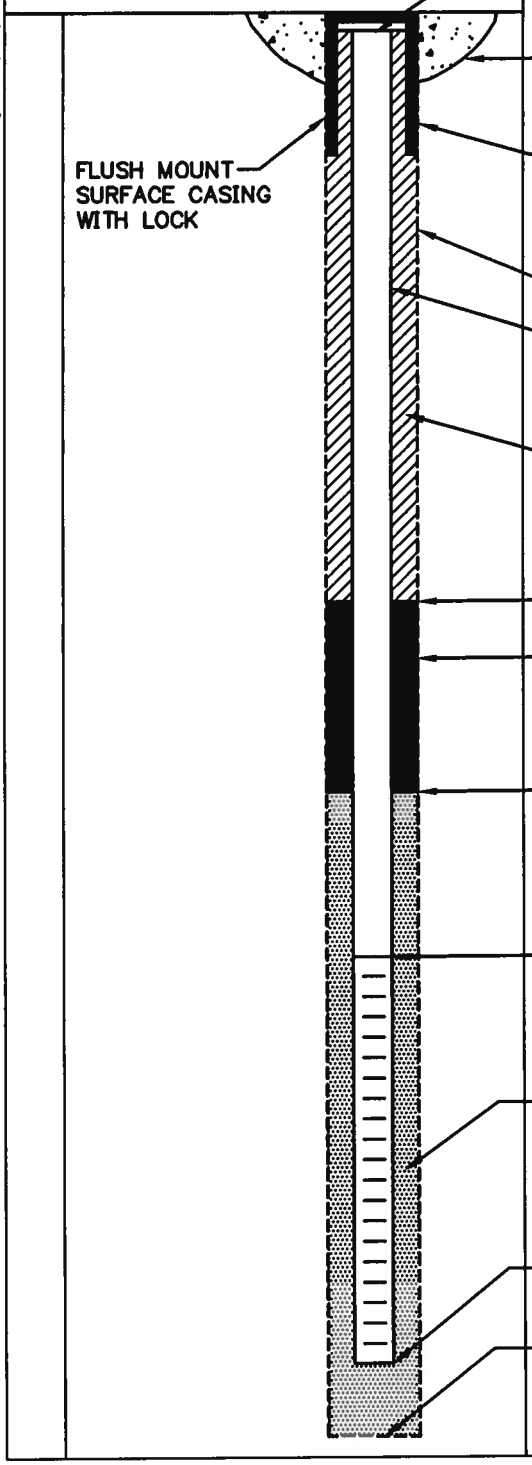
WELL NO.: IWN-8

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT GW Remediation Blocks E, G & I 2013
PROJECT NO.
DATE BEGUN 6/25/13
FIELD GEOLOGIST Walter O'Niell
GROUND ELEVATION
LOCATION MRC - Middle River, MD
BORING IWN-8
DATE COMPLETED 6/26/13
DATUM

DRILLER Larry Hunsberger
DRILLING METHOD Rotosonic
DEVELOPMENT METHOD sub. pump



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: ~~High strength concrete~~ NA

TYPE OF PROTECTIVE CASING: ~~Steel vault~~

I.D. OF PROTECTIVE CASING: N/A

DIAMETER OF HOLE: 8"

TYPE OF RISER PIPE: PVC sch 80

RISER PIPE I.D.: ~~two inch~~ 4 inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 13.5 (6)

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 18.5'

ELEVATION/DEPTH TOP OF SCREEN: 20.5'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 15'

TYPE OF SAND PACK: #5 Silica sand Global #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 35.5'

ELEVATION / DEPTH BOTTOM OF SAND: 35.5'

ELEVATION/DEPTH BOTTOM OF HOLE: 35.5'

BACKFILL MATERIAL BELOW SAND: N/A

ACAD: FORM_MWFM.dwg 07/20/99 INL

WELL NO.: NMW-1I

Tetra Tech NUS, Inc.

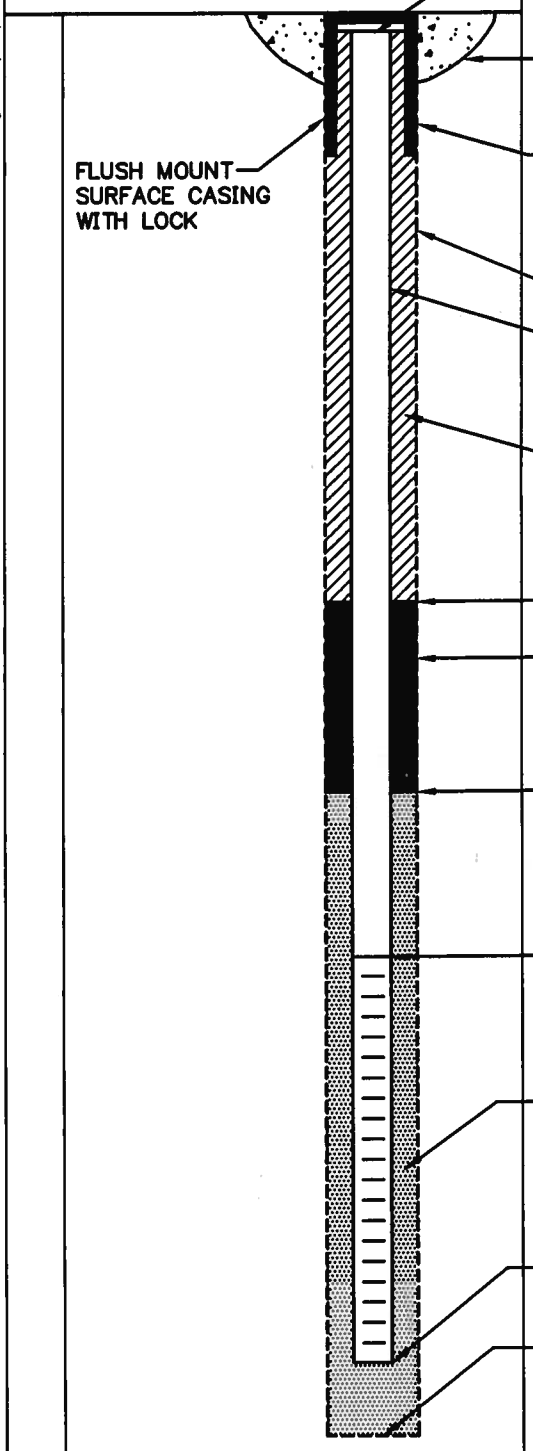
OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.:
DATE BEGUN: 6/25/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION: ____ DATUM: ____

LOCATION: MRC - Middle River, MD
BORING: NMW-1I
DATE COMPLETED: 6/25/13 *

DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: Sub. Pump

ACAD: FORM_MWFM.dwg 07/20/99 INL



ELEVATION TOP OF RISER: ~~N/A~~

TYPE OF SURFACE SEAL: ~~High strength concrete~~ ~~N/A~~ High strength concrete

TYPE OF PROTECTIVE CASING: ~~Steel vault~~ ~~N/A~~ round steel vault

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 6"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: two-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 11 /

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 13 /

ELEVATION/DEPTH TOP OF SCREEN: 15 /

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 10'

TYPE OF SAND PACK: #5 Silica sand Global #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 25 /

ELEVATION / DEPTH BOTTOM OF SAND: 25 /

ELEVATION/DEPTH BOTTOM OF HOLE: 28' /

BACKFILL MATERIAL BELOW SAND: ~~N/A~~ Bentonite

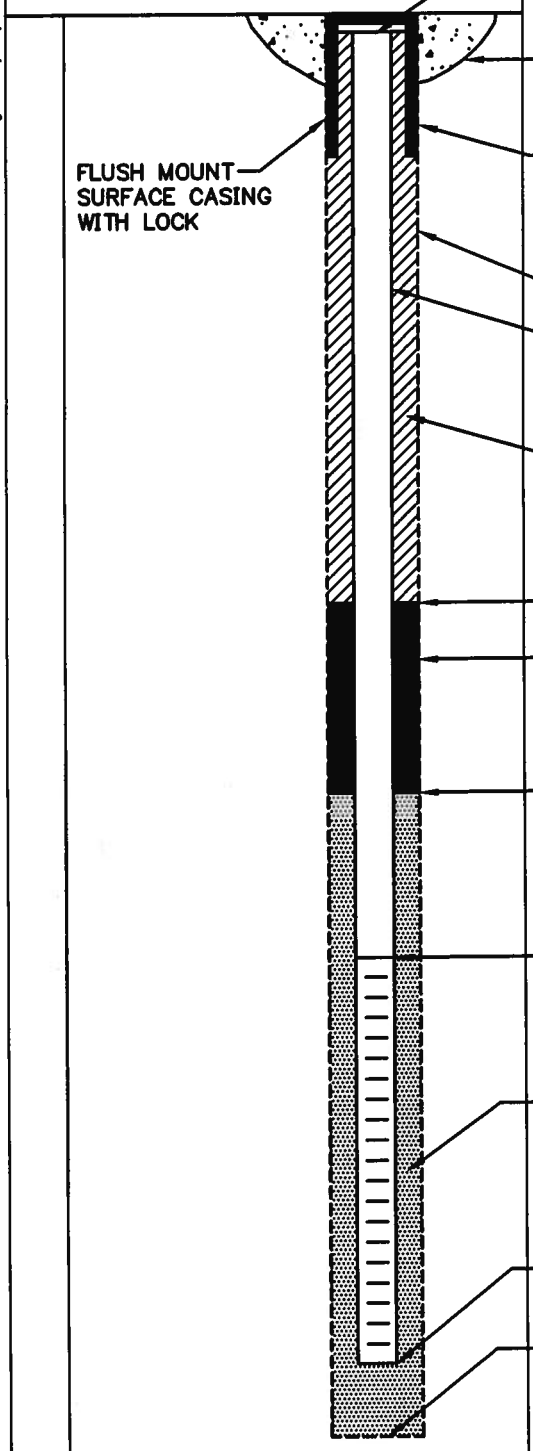
* grout set

WELL NO.: NMW ~~MWN~~-3I

Tetra Tech NUS, Inc.

OVERBURDEN
MONITORING WELL SHEET
FLUSH - MOUNT

PROJECT: Groundwater Remediation Blocks E, G & I 2013
PROJECT NO.:
DATE BEGUN: 6/24/13
FIELD GEOLOGIST: Walter O'Niell
GROUND ELEVATION:
LOCATION: MRC - Middle River, MD
BORING: MWN-3I
DATE COMPLETED: 6/25/13*
DATUM:
DRILLER: Larry Hunsberger
DRILLING METHOD: Rotosonic
DEVELOPMENT METHOD: Sub. pump



ELEVATION TOP OF RISER:

TYPE OF SURFACE SEAL: High strength concrete

TYPE OF PROTECTIVE CASING: Steel vault 8" round

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 6"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: two-inch

TYPE OF BACKFILL/SEAL: Portland cement with bentonite gel

ELEVATION/DEPTH TOP OF SEAL: 6'

TYPE OF SEAL: Bentonite chips

ELEVATION/DEPTH TOP OF SAND: 8'

ELEVATION/DEPTH TOP OF SCREEN: 10'

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.01" x 20'

TYPE OF SAND PACK: ~~#5~~ Silica sand GLOBAL #5

DIAMETER OF HOLE IN BEDROCK: N/A

ELEVATION / DEPTH BOTTOM OF SCREEN: 30'

ELEVATION / DEPTH BOTTOM OF SAND: 30'

ELEVATION/DEPTH BOTTOM OF HOLE: 30'

BACKFILL MATERIAL BELOW SAND: N/A

* Grout set 6/25/13

ACAD: FORM_MWFM.dwg 07/20/99 INL

Boring: IWW-1
Date: 7/9/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1.5	Brown soil clay gravel	0-2	0.1
1.5-2.5	red gray silty clay, slightly plastic slightly moist	2-4	0.0
		4-6	0.1
2.5-4.0	lt. brown silty sand, soft, ~~wet~~ ~~moist~~ wet	6-8	1.7
		8-10	0.2
4.0-6.0	Brown gray silty clay, plastic, ~~slightly~~ slightly moist	10-12	0.9
7-8		12-14	0.6
6.0-8.0	dark gray to brown, clay, plastic, sm brown	14-16	1.2
		16-18	1.4
8-9	brown ~~gray~~ sandy silt, plastic, moist	18-20	2.5
9-14.0	brown ~~orange~~ silty sand, soft, wet w/ gravel @ 12-14.0	20-22	2.7
		22-24	2.9
14-22	red brown silty clay, low plastic v. slight moisture	24-26	3.5
		26-28	6.2
		28-30	8.7
		30-32	3.6
22-24	red brown silty sand to sandy silt slightly plastic, moist	32-34	4.2
		34-35	2.9
24-26	red brown silty clay, slightly plastic v. slight moisture	36-38	
		38-40	
26-30	red brown silty sand to sandy silt low plasticity, moist	40-42	
		42-44	
30-35	red brown silty sand soft, wet	44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Boring: IWW-2
Date: 7/9/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1.5	Brown soil, clay to gravel, soft, slightly moist	0-2	1.4
1.5-2.5	gray brown silty clay, slightly plastic	2-4	3.1
	v. slight moisture	4-6	2.4
2.5-3.5	gray brown silty sandy ~~soft~~ to	6-8	0.5
	sandy silt, ~~so~~ slightly plastic slightly moist	8-10	0.3
3.5-4.0	brown silty sand, soft moist w/	10-12	0.6
	some clay lenses	12-14	2.4
4.0-5.0	brown clay, plastic, slightly moist	14-16	3.6
5-6	red brown coarse sand w/ silt	16-18	4.0
	soft wet	18-20	4.3
6-8	gray to brown silty clay, med plastic	20-22	3.4
	v. slight moisture	22-24	5.1
8-13	red brown sand to silty sand, soft	24-26	7.3
	moist to wet — w/ clay & gravel	26-28	7.1
	from 11.5-13'	28-30	7.8
13-14.5	red brown silty clay, mod low plasticity	30-32	4.1
	USM	32-34	4.7
14.5-24.5	brownish red silty clay, low plastic	34-36	8.3
	USM	36-38	
		38-40	
24.5-28	red brown silty sandy clay, slow	40-42	
	plasticity, slightly moist	42-44	
		44-48	
28-35	red brown silty sand, soft, moist	48-50	
	to wet, possible clay lenses	50-52	
	31 (shift [illegible])	52-54	
		54-56	
		56-58	
		58-60	

stop for night

Boring: MW-1I

Date: 6/25/12

Boring Log

Site: MRC

Depth	Description		PID (ppm)
0-10"	Asphalt	0-2	0.0
10"-2.0	red brown poorly sorted fill silt to large gravel (2+"), stiff, moist	2-4	0.0
		4-6	0.0
2.0-2.25	gray silty clay, slightly plastic, slightly moist	6-8	0.0
		8-10	0.2
2.25-2.75	concrete	10-12	0.3
		12-14	0.2
2.75-4.5	brown to red brown poorly sorted clayey soil, v. slightly plastic, dry	14-16	0.3
		16-18	1.7
4.5-6.5	dark gray clay dense stiff, dry	18-20	3.2
6.5-7.0	red orange silty clay, s. plastic, dry	20-22	26.7
7.0-8.0	& brown silty/clayey clay, slightly plastic v. slight moisture 3" sand lens @ 7.5'	22-24	38.4
		24-26	13.2
8-10	brown silty & clayey sand, slightly plastic, moist	26-28	6.3
		28-30	
10-14.5	red brown/orange clay to silty clay, slightly plastic, v. slight moisture	30-32	
		32-34	
14.5-18.5	- red brown clayey silt to silty clay, v. slightly plastic, v. slight moisture	34-36	
		36-38	
18.5-20	gray brown silty sand, soft, wet	38-40	
20-28	red brown silty clay stiff to slightly plastic, dry to v. slight moisture	40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Boring: NMW-3I
Date: 6/24/12

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1	Asphalt & concrete	0-2	3.8
1-2	red brown clay, slightly plastic dense, v. slightly moist	2-4	2.5
		4-6	0.0
2-3	Brown silty clay, slightly plastic dense, v. slightly moist.	6-8	0.6
		8-10	1.2
3-5	red brown orange silty clay to clay dense, slightly plastic, v. slightly moist	10-12	0.8
		12-14	1.8
		14-16	0.3
5-7	brown silty sandy silt, plastic moist	16-18	0.0
		18-20	0.3
7-9	brown silty clay, slightly plastic v. slightly moist	20-22	5.8
		22-24	5.6
9-11.5	orange brown gray silty clay plastic, slightly moist	24-26	3.9
		26-28	1.0
11.5-13	orange brown gray silty clay, dense stiff, v. slightly moist	28-30	0.0
		30-32	
13-19.5	red brown silty clay dense, stiff, v. slightly moist,	32-34	
		34-36	
		36-38	
		38-40	
19.5-24	gray brown silty sandy clay, slightly plastic, v. slightly moist	40-42	
		42-44	
		44-48	
24-26.5	red brown clay dense slightly plastic, dry	48-50	
		50-52	
26.5-30	gray silty clay, slightly plastic, v. slightly moist.	52-54	
		54-56	
		56-58	
		58-60	

Boring: IWN-1
Date: 6/28/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-4"	Asphalt	0-2	0.0
4"-5.5'	light gray Sand + gravel fill, no plast, v. sl. moist	2-4	0.0
5.5'-7	Cement	4-6	0.2
7-7.5	Gravelly fill	6-8	0.2
7.5-9	Silty clay, light brown/gray/red mottles, dark mottles	8-10	0.0
—	v. sl. moist, low plast	10-12	0.4
9-10	light brown Sand w/gravel, possibly fill, no plast, moist	12-14	1.6
10-11	light brown/gray silty clay, sl. moist, low plast, Organic litter	14-16	0.4
11-11.5	light brown sandy silt, no plast, v. sl. moist	16-18	0.8
11.5-13	dk. gray to blk, silty clay w/high organic matter, v. low plast	18-20	2.0
13-14	light gray to lt. gray silty clay, low plast, sl. moist to no plast, soft moist	20-22	1.5
14-15	light brown Sandy silt, no plast, v. sl. moist, mottles, lt. gray mottles	22-24	4.0
15-16	light brown/Gld Sandy silt, v. low. plast, v. sl. moist	24-26	8.8
16-16.5	light brown w/ gray mottles, clayey silt, v. low plast, v. sl. moist	26-28	21.4
16.5-17	light brown, silty Sand, no plast, sl. moist	28-30	17.6
17-20	light brown w/ gray mottles, Sandy silt to silty Sand, v. low plast,	30-32	5.7
—	v. sl. moist, gray mottles at 18.5	32-34	3.0
20-21.5	light brown, Sand (coarse, well sorted), no plast, wet	34-36	3.7
21.5-25	light brown, clayey silt & silty clay, below plast, v. sl. moist	36-38	
25-26	light brown, silty clay, dry, no plast (cinnables on tank)	38-40	
26-30	light brown to red brown, silty clay, v. low plast, v. sl. moist	40-42	
—	some gray+purple mottles, Sandy silty clay at 29.5-30	42-44	
30-30.5	light gray w/purple mottles, silty clay, v. low plast, v. sl. moist	44-48	
30.5-31.5	dark brown/purple clay, low plast, v. sl. moist	48-50	
31.5-32	light gray/purple silty clay, v. sl. moist, v. low plast	50-52	
32-35	light gray/purple interlayered, silty clay, low plast, sl. moist	52-54	
		54-56	
		56-58	
		58-60	

Background PID: 0.0

Boring: TWN-2
Date: ~~6/19/13~~ 6/20/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-5"	Asphalt	0-2	0.8
5"-3.5'	light gray sand fill to silty sand fill, v. sl. moist, soft (2')	2-4	2.7
	brown gravelly sand fill, soft, coarse, unsorted, v sl. moist (1')	4-6	2.5
3.5-4.5	Concrete	6-8	1.7
4.5-5.0	Dark brown to light red silty clay, v low plast, v sl. moist	8-10	2.8
5.0-7.5	dark brown w/ purple and light gray mottles, clay, v low plast, v. sl. moist	10-12	2.3
7.5-10	brown/red silty clay, low plast, v sl. moist, dark purple mottles	12-14	3.1
10-12.5	light brown/red clayey silt, low med plast, sl. moist	14-16	3.4
12.5-15	light brown/red w dark gray mottles sandy fill to silty sand, wet to moist at 13-14, sl. moist, to low plast	16-18	5.2
		18-20	7.6
15-~~20~~23	light brown w/ gray mottles, silty clay to clayey silt, v. sl moist, v low plast	20-22	63.4
23-28	dark brown w/ purple mottles Sandy silt, low plast, sl moist, coarse gravel	22-24	64.3
28-31	dark brown, clay, v low plast, v. sl. moist	24-26	20.3
31-33	dark red/purple silty clay, sl. moist, low plast (med plast 31-32)	26-28	17.4
33-35	dark gray silty clay, sl. moist, med plast to moist	28-30	10.8
		30-32	8.4
		32-34	5.1
		34-35	2.2
		36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Bck. PID: 0.3

Boring: INW-3
Date: 6/29/11

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-7.5'	Blacktop (asphalt)	0-2	88
7.5'-1.05'	gravelly fill, brown, clay to gravel, sl. moist, v. sl. plast	2-4	1.0
1.05-2.05'	Cement	4-6	1.5
2.05-3'	light brown/red, clay, v. sl. moist, v. low plast	6-8	1.4
3'-4'	light brown, silty clay, v. sl. moist, v. low plast	8-10	1.7
4-4.5'	light brown, sandy silt, v. sl. moist, soft	10-12	4.4
4.5-8'	light brown to dark brown, silty clay, v. sl. moist, v. low plast, orn, mottles	12-14	8.6
	some light gray mottles	14-16	12.2
8'-10'	red/brown silty clay, med plast, sl. moist, friable	16-18	19.5
10-11'	light brown silty sand, silt, moist	18-20	28.7
11-14'	light brown to red/brn sandy silt, moist, soft	20-22	52.4
14-24'	red brown w/gray mottles, silty clay, v. sl. moist, v. low plast,	22-24	57.0
-	friable at 14-20, Sandy silt at 16.5-17.0'	24-26	38.0
21-21.5	dark brown coarse sand gravels, moist, soft	26-28	9.0
21.5-25	dark brown clayey silt w/some sand, v. sl. moist, v. low plast	28-30	28.1
25-28	purple/dark red silty clay, moist, low plast	30-32	60
28-30	purple/dark red brown clayey silt, sand lens at 29', coarse, wet sand	32-34	6.2
	moist, soft at sand and v. low plast and v. sl. moist at clay	34-36	3.5
30-35	dark gray, silty clay, moist, high plast,	36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Using PID: QD

Boring: IW-4
Date: 6/28/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-8"	asphalt	0-2	0.4
6"-10'	brown to gray to light gray gravelly sand fill, v. low plast, sl moist	2-4	0.7
	& on ramp at highest point	4-6	0.3
10'-12.5'	cement w/rebar	6-8	0.5
12.5-13.5	dark gray silty clay, mod plast, sl moist, rootlets	8-10	0.4
13-15.5	dark gray to red brown, clayey sandy silt, low plast, moist, light gray mottles	10-12	1.4
15.5-20	red brown, clayey silt w/some sand, low plast, moist, gray mottles	12-14	1.5
20-25	light brown w/gray mottles, silty clay, v. sl moist, v. low plast	14-16	1.7
	clay lens/mottles at 20-21.5	16-18	1.5
25-30	dark brown/red brown w/purple mottles, v. low plast, v. sl moist	18-20	1.3
30-32	light to dark brown, sandy silt, v. sl moist, v. low plast	20-22	1.5
32-33	brown/red, clay, low plast, v. sl moist, gray mottles	22-24	2.1
33-35	brown/red w/purple mottles, silty clay, low plast, v. sl moist	24-26	3.0
		26-28	1.6
		28-30	2.1
		30-32	6.1
		32-34	2.3
		34-35	2.0
		36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Background PID: 0.0

Boring: MW-5
Date: 6/27/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-5"	blacktop	0-2	1.3
5"-2'	Brown gravel fill, sl. moist	2-4	1.1
2'-4.5	gray silty sand fill, sl. moist # on ramp	4-6	1.4
4.5-5	asphalt fill - metal pieces in fill	6-8	1.0
5-8	coarse sand fill, moist, soft (wiring/wires)	8-10	1.6
8-10	dark gray to brown silty clay, sl. moist, low plast, rootlets	10-12	1.7
10-12	gray to brown silty clay, v. sl. moist, v. low plast	12-14	3.3
	high organic layer 10-10.5 (wood little) (black)	14-16	3.8
12-14	gray, clayey silt, low plast, moist	16-18	3.7
14-16	light brown, clayey silt, v. low plast, moist	18-20	3.8
16-20	red brown, clayey silt, v. low plast, sl to slight moist	20-22	3.9
20-23	brown, clayey silt, v. low plast, sl slight moist	22-24	7.1
23-24	red brown, silty clay, stiff, dry	24-26	9.6
24-25	light brown, silty clay, v. low plast, v. sl moist	26-28	17.0
25-28	reddish brown, silty clay to clayey silt, v. low plast, v. sl. moist	28-30	15.8
28-30	red/brown w/purple mottles, silty clay, v. low plast, v. sl moist	30-32	10.6
30-35	red/brown/purple w gray mottles, silty clay, low plast, v. sl moist	32-34	4.8
	31.5-32.5 clay lense, stiff, dry, v. low plast	34-36	3.0
		36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

PID Background: 0.1

Boring: IWN-6
Date: 6/27/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-5"	Asphalt	0-2	1.2
5"-1.5'	gravel fill	2-4	0.7
1.5'-2.3'	Cement	4-6	1.1
2.3-3.5'	light gray to brown clay w/some silty, low plast, v. sl. moist, mottles	6-8	1.6
3.5-4.3	dark gray to brown w/purple mottles, silty clay, (some sand), v. sl. moist	8-10	2.9
4.3-8	light brown w/ gray + dark mottles, silty clay, v. low plast, v. sl. moist, v. low plast	10-12	2.0
8-10	dark gray w/ brown interlayered, silty clay, sl. moist, med plast, mottles	12-14	3.1
10-11	reddish brown silty clay, v. sl. moist, low plast	14-16	3.4
11-13	brown clayey sand, v. sl. moist, v. low plast	16-18	12.0
13-18.5	reddish brown w/ light gray mottles, clayey silt, low plast, v. sl. moist	18-20	32.5
18.5-20	dark brown sandy clay, v. low plast, sl. moist	20-22	45.7
20-21	light brown sand, v. low plast, very moist	22-24	32.1
21-22	red brown silty clay, low plast, sl. moist	24-26	58.7
22-23	red brown, sand w/gravel, poorly sorted, v. low plast, moist	26-28	36.6
23-29	red brown w/purple mottles, * silty clay, v. sl. moist, v. low plast	28-30	3.9
29-30	purple red, clay w/some silt * Some sand at 23-24 to clayey silt	30-32	1.5
-	v. sl. moist, low plast	32-34	2.5
30-32	light gray silty clay, med plast, sl. moist	34-35	2.0
32-34	dark gray, silty clay, med plast, sl. moist	36-38	
34-35	dark gray, clay w/some silt, low plast, v. sl. moist	38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

PID Background: 2.1

6/26/13

Boring: EWN-7
Date: 6/26/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-10"	8" blacktop / 9" Cement	0-2	0.9
10"-5'	red brown silty clay, slightly plastic, slight moist	2-4	1.3
~~5'-8'~~	6" clay lens at 2' and 3.5'	4-6	3.1
5'-8'	red brown silty clay, med plast., very slightly moist	6-8	3.6
	6'-6.5' low plast., very slight moist	8-10	2.5
8'-9.5'	light grey, clay to silty clay, med plast, very slightly moist, rootlets	10-12	2.2
9.5-10	light grey to red brown, low plast, slightly moist, clayey sand to sandy clay	12-14	6.8
10-12.5	red brown, clayey sand, low plast, slightly moist	14-16	4.6
12.5-14	red brown w/ grey mottles, very low plast, sandy clay, very slight moist	16-18	3.2
14-14.3	brown gravel layer, moist	18-20	5.1
14.3-19	red brown silty clay, very low plast, very slight moist	20-22	3.0
19-20	brown, clayey silt w/ some sand, slight moist, low plast	22-24	28.6
20-23	dark brown, sand, (coarse), soft, wet	24-26	2.8
23-27	reddish brown, silty clay, very slightly moist, low plast	26-28	13.9
27-29	reddish brown to reddish grey, clay with some silt, low plast	28-30	4.2
29-31	light grey w/ dark grey mottles, silty clay, low plast, very slight moist	30-32	1.3
31-33	light grey to dark grey, silty clay, low plast, very slight moist	32-34	1.2
33-35	dark grey w/ white mottles, clay w/ some silt, very slight moist	34-36	0.8
		36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

PID: 0.1 background

Boring: IWN-8
Date: 6/25/13

Boring Log
Site: MRC

1/12 SC 04769

Depth	Description		PID (ppm)
0-1	2" Asphalt over 10" concrete	0-2	2.3
1-3.5	gray orange brown silty clay, pliable dry	2-4	1.0
		4-6	2.3
3.5-5.0	red brown gray silty clay, slightly pliable slightly moisture	6-8	2.6
		8-10	26.4
5-8	red brown silty clay, slightly pliable V. slight moisture	10-12	7.4
		12-14	13.6
8-10	red brown black silty clay, slightly pliable with rootlets @ 8.5-9", slightly moist	14-16	2.6
		16-18	8.3
10-11	gray brown clayey silt to silty clay, pliable slightly moist	18-20	7.9
		20-22	12.6
11-13.5	lt. brown silty clayey sand, soft, moist	22-24	137
		24-26	100
13.5-17	red brown w/ gray streaks silty clay dense, V. slightly pliable, V. slightly moist	26-28	50.8
		28-30	1.7
17-20.5	red brown gray streaked silty clay dense stiff, dry	30-32	~~13.2~~ 13.2
		32-34	16.6
20.5-22	red brown gray silt, slightly pliable moist w/ 3" brown wet brown sand @ 20.5 to 21.25	34-36 35	18.4
		36-38	
		38-40	
		40-42	
22-27	red brown gray streaked silty clay pliable, slightly moist	42-44	
		44-48	
27-29.5	red brown silty clay to clay, dense slightly pliable V. slight moisture	48-50	
		50-52	
29.5-32.5	gray silty clay, pliable, V. slight moisture	52-54	
32.6-35	dark gray silty clay, dense slightly pliable, V. slight moisture	54-56	
		56-58	
		58-60	

Boring: IWW-3
Date: 7/18/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1	Brown soil, clay to gravel, soft, slightly moist	0-2	0.8
1-1.5	gravel fill	2-4	1.8
1.5-3.0	gray brown silty clay, mod. plastic, slightly	4-6	1.6
	moisture	6-8	1.9
3.0-5.0	red brown sandy silt w/ some clay	8-10	1.5
	mod plastic, moist to wet	10-12	1.3
5.0-8	red brown gray silty clay, mod	12-14	2.4
	plastic slightly moist w/ sand 2"	14-16	3.1
	lens @ 7'	16-18	3.7
8-9	red brown sandy silt to silty clay	18-20	5.2
	low plasticity, moist	20-22	3.5
9-10.5	gray brown silty clay plastic	22-24	4.0
	v slight moisture	24-26	6.4
10.5-11.5	red brown silty sand w/ gravel,	26-28	7.3
	mostly soft, wet	28-30	7.9
11.5-12	red brown silty clay, stiff VSM.	30-32	10.0
12-13	red brown clayey silt, plastic,	32-34	10.7
	slightly moist	34-36	14.2
		36-38	
13-25	red brown silty clay, mod plastic	38-40	
	VSM, green streaks @ 19'-20'	40-42	
25-26	red brown sandy silt w/ clay	42-44	
	soft moist	44-48	
26-31	red brown silty clay, w/ some fine sand low	48-50	
	plasticity, VSM	50-52	
31-32	red brown silty sand, soft, wet	52-54	
32-33.5	red brown silty clay w/ sand at base	54-56	
	mod plasticity, slight fine	56-58	
33.5-34	gray silty sand, soft, moisture	58-60	
34-35	red brown clay w/ gray streaks,		
	dense stiff, dry		

Boring: TWG-4
Date: 7/11/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1	Brown soil, Clay to gravel, moist	0-2	1.0
1-2.5	gray brown silty Clay, ~~stiff~~ low plasticity USCS	2-4	1.0
2.5-3.5	gray brown silty sandy, soft, moist	4-6	0.8
3.5-4.0	dark gray ~~clayey~~ silty/sandy clay soft, moist	6-8	0.8
		8-10	1.1
4.0-4.5	lt gray-brown silty clay, ~~stiff~~ low plasticity slightly moist	10-12	2.1
		12-14	1.6
4.5-5	red brown silty sand, soft, wet	14-16	2.3
5-9	lt gray-brown silty clay w/ sand mod plastic slightly moist	16-18	2.3
		18-20	1.1
9 ~~10~~-14.5	dark gray clay, plastic, slightly moist	20-22	2.1
		22-24	1.8
14.5-13	red brown clay, stiff, low plasticity dry	24-26	2.1
13-13.5	lt gray, clayey silty plastic, slightly moist	26-28	1.6
13.5-14.5	red brown clay, stiff, low plasticity dry	28-30	6.1
14.5-14.05	red brown silty clay, mod plastic slightly moist (sandy)	30-32	14.8
		32-34	14.8
20.5-21	red brown clay to silty clay, stiff, low plasticity, USCS	34-36	7.1
		36-38	
		38-40	
21-30.5	red brown silty clay w/ sand, mod plasticity, slight moisture	40-42	
		42-44	
30.5-35	red brown silty sand, soft, wet	44-48	
35-36	red brown gray clay dense stiff dry	48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Boring: JWW-#5
Date: 7/15/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1	Brown soil - clay to sand, soft slightly moist	0-2	0.3
1-3	gray silty clay, slightly plastic VSM	2-4	0.0
3	~~- wet brown, silty clay, slightly plastic VSM~~	4-6	0.2
4-5.5	dk gray & brown silty & clayey sand, wet low plasticity, wet	6-8	0.4
		8-10	0.7
5.5-6.5	gray/ red brown clay, plastic, moist	10-12	1.4
		12-14	1.1
6.5-8.5	red brown silty clay, low plasticity, VSM	14-16	0.9
8.5-10.5	med gray, brown clay, m. plastic VSM	16-18	1.0
		18-20	0.7
10.5-12	gray silty sand to clayey sand, soft, wet	20-22	1.5
12-20	red brown silty clay, low plasticity, VSM	22-24	1.3
	gray streaks @ 15-17', green specks	24-26	1.9
	@ 18-19' to silty clay	26-28	2.3
~~20-21~~	~~red brown clayey silt, slightly plastic slightly moist w/ wet silty sand lens @ 20.~~	28-30	2.0
		30-32	2.4
		32-34	2.9
20-21	red brown sandy & clayey silt, soft plastic, moist to wet sand	34-36	1.0
		36-38	
21-22	red brown silty clay, slightly plastic, VSM	38-40	
22-24	red brown clayey silt w/ sand, moo plastic slightly moist	40-42	
		42-44	
24-25	red brown silty clay to clay, low plasticity, dry	44-48	
~~25-29~~	~~@ 25.5-26 and 26.5-27'~~	48-50	
		50-52	
		52-54	
29-30	red brown silty sand, soft wet	54-56	
30-31	red brown silty clay, stiff, dry	56-58	
31-33.5	red brown silty sand, soft, wet	58-60	
33.5-35	red brown clay stiff, dry		

Boring: MW-6
Date: 7/15/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1.5	Brown soil - clay & gravel, soft, wet	0-2	1.6
1.5-2.5	lt brown + gray silty clay, low plasticity slightly moist VSM	2-4	0.2
		4-6	0.1
2.5-4	brown/gray, clayey SAT to silty clay, mod plastic moist	6-8	0.1
		8-10	0.3
4-6	brown silty sand, soft, wet	10-12	0.2
6-9	brown/gray, silty clay, low plasticity VSM	12-14	0.4
9-10	brown silty clay to clay, plastic slightly moist	14-16	0.4
		16-18	0.5
10-11	brown silty sand, soft, wet	18-20	1.0
11-12	red brown clay to silty clay slightly plastic, VSM	20-22	1.1
		22-24	1.7
12-14	red brown silty, sandy clay, slightly plastic, slightly moist to wet	24-26	2.3
		26-28	1.4
14-17	red brown silty clay, slightly plastic VSM	28-30	2.1
		30-32	3.6
17-24	red brown silty clay to clay, dense slightly plastic VSM to dry	32-34	3.5
		34-36	1.6
24-25	red brown clay, dense stiff, dry	36-38	
25-29	red brown silty clay, slightly plastic VSM	38-40	
		40-42	
29-29.5	red brown sandy silty, soft wet	42-44	
		44-48	
29.5-30.5	red brown silty clay dense stiff dry	48-50	
		50-52	
30.5-31	red brown silty sand, soft, moist	52-54	
		54-56	
31-32.5	red brown silty clay, slightly plastic VSM w/ moist sand lens @ 32'	56-58	
		58-60	
32.5-33	red brown/gray silty sand, slightly plastic wet		
33-35	red brown clay dense stiff dry		

ing: I WW-7
ite: 7/16/13

Boring Log
Site: MRC

Steve Holmes 1310

Depth	Description		PID (ppm)
0-1	Brown soil- clay to gravel, soft, moist	0-2	1.1
1-2	dark gray silty clay (clayey silt) low plasticity, moist	2-4	0.9
		4-6	0.7
2-4	brown to gray silty clay, slightly plastic, slightly moist	6-8	0.9
4-5	gray, silty sandy clay, plastic, wet	8-10	0.5
5-7	brown silty sandy soft, wet w/ clay lenses, new hole	10-12	0.8
7-8.5	brown silty clay, stiff to slightly plastic, slight moisture	12-14	0.8
		14-16	0.8
8.5-9.5	dk gray silty clay, plastic, slightly moist	16-18	1.5
9.5-10	brown clayey silt, low plasticity slight moisture	18-20	1.7
		20-22	3.2
10-11	red gray silty clay, mod plasticity slightly moist	22-24	2.1
11-12.5	red brown silty sand soft, slightly plastic moist	24-26	3.0
		26-28	3.1
		28-30	3.0
		30-32	3.4
		32-34	3.0
12.5-16	red brown silty clay to clay, mod. plastic, VSM	34-36	1.2
16-23.0	red brown silty clay w/ gravel hard @ silty clay, slightly plastic VSM gray streaks (17.8'), green streaks @ 18-20' w/ 8" sand gray silty coarse sand lens @ 20.5 21.5	36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
23-27	red brown silty & sandy clay, mod plastic, slightly moist	52-54	
		54-56	
27-29	red brown clay dense stiff, dry	56-58	
29-30.5	red brown silty sand soft, wet	58-60	
30.5-32.5	red brown gray silty clay, slight to mod plastic, VSM		
32.5-35	red brown sandy silt, low plasticity moist w/ black streaks to wet		

Bkg 0.2

Boring: IWW8

Date:

Boring Log

Site: MRC

Depth	Description		PID (ppm)
0-1.0	Brown soil - clay to gravel, soft, wet	0-2	0.0
1-2	gray brown, silty clay, plastic, slightly moist	2-4	0.0
		4-6	0.0
2-4	gray silty clay, low plasticity, VSM	6-8	0.6
start 4-6.0	Brown silty sand, soft wet	8-10	0.9
9855 6-7	brown gray silty sandy clay, mod plastic to plastic, slightly moist	10-12	1.3
		12-14	1.3
		14-16	1.3
7-8.5	gray silty clay plastic, moist	16-18	0.0
8.5-10.5	brown silty ~~sandy clay~~ w/ gravel ~~w/ wet brown~~ (sand lens @ ~~[illegible]~~ low plasticity, moist (clayey sand) to wet	18-20	0.7
		20-22	0.6
		22-24	0.6
10.5-16	red brown silty clay to clay, mod plastic, VSM to dry	24-26	2.2
		26-28	1.8
16-17	gray clay, mod plastic, dry	28-30	1.6
		30-32	0.3
17-21	red brown silty clay, mod plastic, VSM	32-34	0.2
		34-36	0.3
21-21.5	lt. gray sandy silty clay, plastic slightly moist.	36-38	
		38-40	
21.5-26.5	red brown silty clay to clay stiff, VSM to dry w/ small moist sandy lens @ 24.5	40-42	
		42-44	
		44-48	
~~[illegible]~~		48-50	
		50-52	
26.5-27.5	red brown silty clayey sandy soft moist	52-54	
		54-56	
27.5-29	red brown silty clay, mod plastic VSM	56-58	
		58-60	
29-29.5	red brown silty clayey sand, soft, wet		
29.5-30	red brown silty clay, stiff, VSM		
30-31	red brown sandy silt to clay plastic, moist		
31-32	red brown silty sand, soft, wet		
32-36	red brown silty clay, stiff, VSM to dry w/ gray streaks sa 34-35'		

Next to drain

Boring: IWW-15

Date: 7/19/13

Boring Log

Site: MRC

Depth	Description		PID (ppm)
0-1	Dark Brown soil, clay-gravel, soft	0-2	1.6
	slightly moist	2-4	2.9
1-2	reddish brown silty clay, friable, low	4-6	1.2
	plasticity VSM	6-8	1.9
2-4	yellow brown silty to sandy clay, plastic	8-10	2.0
	slightly moist to moist	10-12	4.3
4-6	brown silty clay, low plasticity, VSM to dry	12-14	4.7
6-8	brown clay to silty clay, ~~[illegible]~~ friable	14-16	3.0
	dry	16-18	4.3
8-14	Brown clay to silty clay, slightly plastic,	18-20	2.8
	VSM, gray bed @ 13'	20-22	2.5
14-15	red brown gray silty clay, mod plastic, VSM	22-24	2.3
15-16	red brown silty/sandy clay, plastic,	24-26	4.0
	slightly moist	26-28	4.0
16-20.5	red brown silty clay, plastic, VSM	28-30	4.8
~~19-~~	~~red brown silty clay~~	30-32	3.2
20.5-29	red brown silty sand, soft, wet	32-34	2.1
29-30.5	red brown gray clay, mod plastic,	34-36	1.9
	VSM to dry	36-38	
		38-40	
30.5-33	red brown silty sand, soft, wet	40-42	
		42-44	
33-36	reddish brown silty clay, slightly	44-48	
	to mod plastic, VSM	48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Very humid & hot

Boring: MW-9
Date: 7/22/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0 – 1.75	Black – dark gray fill – silt to gravel	0-2	0.9
	NO plasticity / slightly moist	2-4	1.8
1.75 – 2.25		4-6	2.1
2.25	gray clayey silt to silty clay, low plasticity, USM	6-8	1.3
		8-10	2.1
2.25 – 4.5	gray to rust brown silty sand, low plasticity moist	10-12	1.4
		12-14	2.1
4.5 – 7	rust brown silty sand, soft, wet	14-16	2.3
7 – 8.5	rust brown silty clay, ~~stiff~~ mod plastic USM	16-18	2.6
		18-20	4.0
8.5 – 11	gray clay to silty clay, plastic, SM	20-22	3.1
		22-24	1.3
11 – 13	gray clay plastic, USM	24-26	3.8
		26-28	4.2
13 – 14	red brown silty clay, mod plastic USM	28-30	1.6
14 – 17	brown silty clay / sandy clay, plastic slightly moist	30-32	3.9
		32-34	5.0
17 – 18.5	light reddish brown silty sandy clay, mod plastic, USM	34-36	4.4
		36-38	
18.5 – 19.5	reddish brown clay, mod plastic, USM	38-40	
19.5 – 20.5	reddish brown silty clay w/ some sand, mod plastic USM	40-42	
		42-44	
20.5 – 35	rust brown silty sand w/ some clay plastic, soft moist to wet @ ~30'	44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Boring: IWW-4
Date: 7/22/13

Boring Log
Site: MRC

Depth	Description		PID (ppm)
0-1.5	Fair inches brown soil over fill, clay to gravel, loose, moist	0-2	0.5
1.5-2.5	brown ~~silty clay~~ clayey silty low plasticity, slight odor/stain	2-4	0.6
2.5-7	reddish brown silty sand, soft moist to wet	4-6	0.9
7-8.5	orange brown silty clay, mod plasticity VSM,	6-8	1.1
8.5-11	gray clay, stiff, mod. plastic VSM ~~w~~ plastic clay @ 10-10.5'	8-10	1.0
11-12	brown silty ~~clay~~ sand w/ clay & gravel soft/ plasticity wet	10-12	2.1
12-20	red brown silty clay to clayey silt w/ some sand, mod plastic VSM, to slightly moist	12-14	1.8
20-26	red brown silty clayey sand, plastic moist to wet	14-16	2.4
26-27	gray silty clay, plastic, VSM	16-18	2.7
27-28	red brown silty clay, mod. plastic VSM	18-20	2.3
28-36	red brown clay, stiff, mod plastic, VSM	20-22	4.5
		22-24	6.1
		24-26	7.9
		26-28	6.1
		28-30	5.3
		30-32	3.8
		32-34	4.3
		34-36	2.4
		36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Boring: SWMW-51

Date: 7/23/13

Boring Log

Site: MRC

Depth	Description		PID (ppm)
0-0.5	soil, Brown clay to pebble, soft, moist	0-2	1.0
0.5-2	red brown fill, clay to gravel, firm, USN	2-4	10.2
		4-6	30.8
2-6.5	gray sandy silty clay w/ gravel, plastic, moist	6-8	2.8
		8-10	1.4
6.5-12	red brown white stocked to silty clay, slightly plastic, USN	10-12	2.9
		12-14	2.6
12-12.5	orange silty clay, mod. plastic, USN	14-16	4.9
		16-18	5.3
12.5-15	red brown silty clay, low plasticity, USN	18-20	7.3
		20-22	8.0
15-16	red brown clay stiff, dry	22-24	6.3
		24-26	3.1
16-17	red brown silty clay, low plasticity, USN	26-28	4.1
17-18	red brown clay, mod plasticity, USN	28-30	3.6
18-20.5	gray to red brown silty sandy soft, wet, w/ clay lens @ 19-19.5'	30-32	
		32-34	
		34-36	
20.5-22	red brown silty clay to clay	36-38	
	mod plastic USN. w/ 2" gray sand lens at	38-40	
		40-42	
22-23.5	red brown silty clay to clay double stiff USN	42-44	
	w/ 6" gray clay lens @ 28-28.5'	44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Boring: IWW-36

Date: 7/23/13

Depth	Description	PID 2D	
0 - 2	gray fill clay to gravel, moist	3.8	0-2
2 - 2.5	dark gray fill clay to gravel, moist	3.9	2-4
2.5-3.5	brown silty clay, low plastic, slightly moist	3.8	4-6
3.5 ~~3.5~~ -9	red brown silty clay w/ sand plastic, slightly moist to moist	6.3	6-8
9 - 20	red gray silty clay to clay dense stiff, USM, white streaks @ 10'-12' & 15-16'	4.5	8-10
	gray sand lens @ 19.5	7.8	10-12
20.5-21.5	red brown silty sand soft, wet	6.3	12-14
21.5-23.5	red brown sandy silty clay, plastic slightly moist	10.5	14-16
23.5-24.5	gray sand soft, wet	5.9	16-18
24.5-25	red brown silty clay, mod. plastic USM	8.2	18-20
25-26	gray sand to silty sand, soft, wet	5.6	20-22
26-30	red brown clay dense stiff dry	9.5	22-24
30-31	red brown sand, soft, wet	2.6	24-26
31-33	red brown clay, dense stiff, dry	2.1	26-28
33-34.5	red brown silty clay, friable, dry	8.4	28-30
34.5-36	red brown clay dense stiff, dry	2.6	30-32
		2.1	32-34
			34-36

Boring: IWW-39

Date: 7/30/13

Boring Log

Site: MRC

TD=35
screen 15
20-35

Depth	Description		PID (ppm)
0-0.5'	concrete	0-2	0.3
0.5-1	ESU brown soil, silty sand to gg sand, soft moist	2-4	0.4
1-2	concrete	4-6	0.4
2-11	brown silty sand, soft, wet	6-8	0.8
	~~w/ gravel~~ w/ pebbles some @ 2-4"	8-10	0.8
		10-12	0.8
11-16	red brown silty clay, slightly to mod plastic, VSM	12-14	0.6
		14-16	0.4
16-18	red brown orange silty clayey sand soft, wet	16-18	0.9
		18-20	1.0
18-19	red brown sandy clayey silt, mod plastic moist	20-22	0.7
		22-24	0.9
19-19.5	red brown silty clay, slightly plastic, VSM	24-26	1.0
		26-28	0.7
19.5-20	rust brown silty sand, soft, wet	28-30	1.0
		30-32	2.4
20-24	lt. brown silty ~~sand~~ clay to clayey silt mod plastic, slightly moist	32-34	1.8
		34-36	1.7
24-24.5	red brown/gray silty clay, low plasticity VSM	36-38	
24.5-36	red brown clay dense, stiff, dry	38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
		52-54	
		54-56	
		56-58	
		58-60	

Boring: IWW-38
Date: 7/29/13

Boring Log
Site: MRC

1730 start drilling

Depth	Description		PID (ppm)
0-0.5	Concrete	0-2	3.1
8"	Soil - Brown sand to gravel, soft moist	2-4	9.5
14-24"	concrete	4-6	5.1
2-2.5	black clay to sand w/ little gravel	6-8	4.4
	soft, moist - rotted wood debris, smell	8-10	4.2
2.5-3.5	gray brown silty clayey sand, soft, wet	10-12	2.3
3.5-9.5	red brown silty sand w/ some clay & gravel @ 3.5-4.5 soft wet	12-14	3.1
		14-16	3.0
9.5-12.5	red-brown silty clay to clayey silt low plasticity, USCS	16-18	11.4
		18-20	18.8
12.5-13.5	red brown sandy clayey silt, mod plastic, slightly moist	20-22	6.7
		22-24	5.3
13.5-16.5	red brown silty clay w/ sandy lens @ 15-15.5', USCS low plasticity, USCS except slightly moist @ 15-15.5'	24-26	2.6
		26-28	2.4
		28-30	2.4
16.5-	reddish gray silty sand, soft, wet	30-32	2.3
		32-34	2.6
1815	- stop drilling for the day	34-36	2.1
7/30/13 0705	- resume drilling	36-38	
		38-40	
16-22	reddish gray silty sand, soft, wet	40-42	
		42-44	
22-22.5	red brown silty clay, mod plastic slightly moist	44-48	
22.5-24.5	reddish gray silty sand, soft, wet	48-50	
24.5-29	red brown silty clay, dense stiff, dry w/ gray @ 24.5 - 25.5	50-52	
		52-54	
		54-56	
29-34	gray clay, dense stiff dry	56-58	
34-36	red brown clay, dense stiff dry	58-60	
	TD 9:30		
Set @	16-26		

Boring: IWW-37 start 1508
Date: 7/30/13

Depth	Description	PID 80.1	
0-1.5	2-3" asphalt over gravel fill (clay to gravel, moist)	2.6	0-2
1.5 2.0-3.5	Brown silty sand, stiff, low plasticity, moist	1.1	2-4
3-3.5-4.5	Black decomposed organic debris-roots	2.0	4-6
	wet, low plasticity.	1.8	6-8
4-5.75	Rust brown sandy/silty clay, plastic, moist	2.6	8-10
		1.5	10-12
		1.9	12-14
5.75-7	red gray sandy clay, plastic, VSM	3.0	14-16
7-8	red gray clay, plastic, VSM	2.9	16-18
8-10.25	red clay w/ gray bands, dense stiff, clay	5.1	18-20
10.25		3.3	20-22
10.25-12	red to rust brown silty clay low plasticity	4.3	22-24
	friable, dry	0.9	24-26
12-16	red brown silty clay low plasticity	0.9	26-28
	VSM	0.3	28-30
16-17.5	gray silty sand soft, wet *	0.7	30-32
17.5-18.5	reddish brown sandy clay to clayey	0.7	32-34
	sand, mod plasticity moist		34-36
18.5-21	red brown silty clay, low plasticity		
	VSM to dry		
21-22.5	red brown/gray silty clay, low plasticity		
	VSM		
22.5-36	red brown clay dense, stiff, clay		
	w/ green/red silty sections from 26-28'		

clay

16-18.5

Perm 20'

Boring: I WW-10
Date: 7/31/13

Bkg 0.2

Depth	Description	PID 2.6	
0-8"	Asphalt	1.5	0-2
8"-2	red gray Clay dense stiff, dry	0.8	2-4
~~1.5-2.5~~	~~rust brown sandy silty clay, low plasticity~~	0.9	4-6
	~~VSM~~	1.1	6-8
		0.9	8-10
2.0-2.5	rust brown/gray clay plastic, slightly moist	0.4	10-12
2.5-3.5	rust brown sandy silty clay low to mod plasticity, VSM to slightly moist	0.8	12-14
		1.2	14-16
3.5-4	rust brown sandy clay, low plasticity slightly moist,	1.1	16-18
		1.5	18-20
4.-5	red brown sand, ~~silty~~ to silty sand, soft, wet	1.5	20-22
5-6.5	red orange gray, silty clay, low plasticity VSM	1.4	22-24
		1.4	24-26
6.5-7.5	red orang gray clay, plastic, slightly moist	2.2	26-28
7.5-10	red orange gray clay to silty clay, low to mod, plastic, VSM to slightly moist	4.2	28-30
		4.9	30-32
10-11	gray silty clay plastic, moist	4.6	32-34
11-11.5	gray sandy clay plastic, moist		34-36
11.5-13	gray clay to silty clay, plastic, VSlightly moist		
13-15.25	reddish gray silty sandy clay, low plasticity VSM. w/ gravel @ 14.75-15.25		
15.25-20	reddish brown silty clay, mod plastic Slightly moist to VSM		
20-26	red brown silty sand to sandy clay w/ mod plastic clay intervals & soft, wet sand lenses, slightly moist		
	~~silty sand~~ silty sand - 20-21		
	sandy clay 21-22		
	silty sand 22-23		
	sandy clay 23-26		
26-~~30~~36	rust brown silty sand w some clay soft, wet w/ clay lenses @ 33.-33.5		
	34-35'		

Boring: SBMW-2I

Date: 8/6/13

Boring Log

Site: MRC

Depth	Description		PID (ppm)
0-0.5	Concrete	0-2	1.8
0.5-1.5	yellow brown silty sand, soft moist	2-4	1.5
1.5-2	red brown silty sand soft, moist	4-6	3.1
		6-8	3.0
2-4	red brown silty clay, stiff slightly dry	8-10	5.1
		10-12	5.2
4-9	red brown silty clayey sand, soft to slight plastic, slightly moist	12-14	14.8
		14-16	15.9
9-10	red brown sandy clay + low plastic USCS	16-18	8.7
		18-20	5.1
10-10.5	red brown silty sandy soft, moist	20-22	4.1
10.5-16	red brown silty clay, low plasticity stiff USCS	22-24	4.0
		24-26	3.3
~~16-16~~	~~red brown~~	26-28	4.2
		28-30	5.0
16-18.6	red brown silty clayey sand, stiff, slightly moist	30-32	
~~17.5~~ 18-30	red brown silty sand ~~soft, moist~~ w/ brown sand clay lenses @ 24.25 - 24.75 26-26.25 27-28.5	32-34	
		34-36	
		36-38	
		38-40	
		40-42	
		42-44	
		44-48	
		48-50	
		50-52	
	Bkg @ 1.4	52-54	
		54-56	
		56-58	
0922		58-60	
Start			
1030	TD @ 30'		

Boring Log Fiel[illegible]et

Project Name & Number: GW Remediation Blocks E, I & G 2013

Geologist: W. ONiell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 8/27/13

Boring #:

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel GW	Gravels: poorly graded gravel GP	Gravels: Gravel/sand/silt mix GM	Gravels: Clayey gravel GC	Sands: well graded sand SW	Sands: poorly graded sand SP	Sands: Silty sand SM	Sands: Clayey sand SC	Low Plasticity: Inorganic clay/silt/sand ML	Low Plasticity: plastic CL	Low Plasticity: Org silt/clay low plastic OL	High Plasticity: Inorg. silt/sand elastic MH	High Plasticity: Inorg. Clay, hihg plastic CH	High Plasticity: Org. clay med/high plastic OH	Peat/highly organic Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	Remarks
3.5		0-3.5	Gray	hard		X														L	P	2 4.2	Sand, gravel fill, slightly moist
4		3.5-4	red brown	stiff							X									L	M	4 5.1	silty sand, stiff, slightly moist
5		4-5	red brown, yellow	"										X						L	M	6 4.6	clay to silty clay VSM
6		5-6	brown to red brown	soft							X									L	M	8 5.4	silty sand, moist
9		6-9	red brown	stiff							X									L	M	10 6.0	silty sand, slightly moist
10		9-10	" "	"										X						L	M	12 1.9	silty clay, VSM
12		10-12	" "	soft							X									L	M	14 4.0	silty sand, wet
16.5		12-16.5	red brown w/ green	stiff							X									L	M	16 5.6	silty sand to sandy silt, VSM to slightly moist
17		16.5-17	red brown	soft							X									L	M	18 5.7	silty sand, moist
20		17-20	red brown	stiff							X		ML							L	M	20 3.0	sandy silt to silty sand, VSM to SM
27		20-27	red brown	soft							X									L	M	22 1.9	silty sand, soft, wet
29		27-29	red brown green	stiff																L	M	24 3.8	sandy, silty clay moist
30		29-30	" " "	"										X						L	M	26 4.3	silty clay, VSM
35		30-35	Brown, red, purple white	"										X						L	M	28 3.7	clay, dry dense
																						30 4.5	
																						32 3.8	
																						34 3.6	
																						36 2.2	

Boring Log Field [illegible]t

Project Name & Number: GW Remediation

Geologist: W - Oniell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 8/26/13

Boring #: IWE - 6

Start 0830
Stop 1040

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic ~~clay~~/silt/sand (ML)	Low Plasticity: inorganic ~~plastic~~ more clay (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	Remarks
0-2.5	Full	0-2.5	gray				X													L	P		fill moist sand w/gra
2.5-4		2.5-3.5	brown to ~~red brown~~									X	X							L	P		~~silty clay~~ clayey ~~[illegible]~~
3.5-12		3.5-12	brown to red brown										X	X						L	M		VSM, silty clay
12-13		12-13	red brown sandy silt										X	X						L	M		moist
13-18		13-18	red brown										X	X						L	M		VSM, silty clay
18-19		18-19	~~brown~~ to red brown						X		X									L	M		moist
19-32		19-32	brown/red brown						X	X	X	X								L	M		wet, silty sand
32-33		32-33	red brown							X		X								L	M		wet
33-35		33-35	red brown white purple										X	X						L	M		VSM
		0-2	1.2																				
Bkg	0.8	2-4	~~[illegible]~~ 66.1																				
		4-6	73.4																				
		6-8	77.4																				
		8-10	32.4																				
		10-12	13.0																				
		12-14	68.0																				
		14-16	44.5																				
		16-18	46.3																				
		18-20	94.6																				
		20-22	35.3																				
		22-24	37.2																				
		24-26	44.8																				
		26-28	30.2																				
		28-30	31.5																				
		30-32	27.9																				
		32-34	36.1																				
		34-35	81.3																				

Boring Log Fielc et

Project Name & Number: GW Rem Block E

Geologist: W - Oniell

Driller: L Hunsberger / Cascade

Drilling Co: Cascade

Date: 8/26/13

Boring #: IWW-5

start 11:07
stop 1:18

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: ~~plastic~~ more clay (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	Remarks
0-3.5		0-3.5	gray	Hard		X	X							X						L	P		fill, slightly moist
3.5-10		3.5-10	Brown w/gray to red brown											X						L	M		silty clay, VSM
10-13		10-13	red brown	~~dense~~ stiff							X	X								L	M		slightly moist to moist
13-16.5		13-16.5	" "	stiff							X									L	M		wet
16.5-31		16.5-31	" "	soft							X									L	MH		coarse silty sandy wet
31-35		31-35	brown, red purple white	stiff										X						L	M		silty clay, VSM to clay
																							Bkg 0.3
																						2.2	0-2
																						40.9	2-4
																						37.1	4-6
																						8.9	6-8
																						15.9	8-10
																						11.7	10-12
																						30.1	12-14
																						~~[illegible]~~ 1	14-16 moisture
																						61.4	16-18
																						175	18-20 moisture
																						160	20-22 moisture
																						38	22-24
																						7.5	24-26
																						3.8	26-28
																						9.1	28-30
																						3.5	30-32
																						7.1	32-34
																						2.7	34-36

Boring Log Fiel et

Project Name & Number: GW Remediation Blocks E, GSI 2013 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 8/27/13

Boring #:

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	Remarks
3.5		0-3.5	gray	hard		X			X											L	P	0-2 3.0	sand + gravel moist
4.5		3.5-4.5	red brown	dense						X				X						L	W	2-4 5.2	silty clay, VSM
6		4.5-6	red, brown, yellow gray	"						X				X						L	W	4-6 10.7	silty clay, VSM
8		6-8	red brown	"						X				X						L	W	6-8 6.1	" " "
9		8-9	red brown, ~~brown~~	soft						X	X									L	M	8-10 5.8	silty sand, moist
10.5		9-10.5	brown	"						X	X									L	M	10-12 19.6	" " wet
11.5		10.5-11.5	red brown	stiff									X							L	M	12-14 9.6	sandy clayey silt, VSM
12		11.5-12	" "	soft							X									L	M	14-16 44.4	silty sand moist
12-15		12-15	red brown	stiff										X						L	M	16-18 8.4	silty clay VSM
17		15-17	" "	slightly plastic									X							M	M	18-20 6.7	silty clayey sand, slight moisture
28		17-28	" "	mod soft							X									L	M	20-22 2.0	silty sand, wet moist
31		28-31	" "	mod plastic										X						M	P	32-24 2.1	sandy silt clay, moist to slightly moist
32.5		31-32.5	orange, red purple	stiff										X						L	M	24-26 2.0	clay to silty clay
35		32.5-35	" " "	"										X						L	M	26-28 3.2	clay to silty clay, friable
																						28-30 2.1	
																						30-32 1.2	
																						32-34 2.2	
																						34-36 1.6	
																				20			

PID Rly = 0.1

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 7/28/13

Boring #: IWE #2

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	gray	hard		X														L	P	12.7	0-2	~~moist~~ wet fill
7.5		3.5-7.5	red brown	stiff										X						L	M	23	2-4	VSM, silty clay, to silty sand w/clay
10.5		7.5-~~10~~	" "	med stiff							X			X						L	M	~~11.1~~	4-6	~~silty~~ sandy silt, ~~stiff~~, moist
~~10.5~~ 12		~~10.5~~ 11-12	" "	~~soft~~ to med stiff							X									L	M	29	6-8	silt, sand, moist to wet
23		22-23	red brown/green wht	stiff										X						L	P	7.4	8-10	silty clay w/ sand
24		23-24	red brown	"										X						L	W	4.4	10-12	clay dry
26.5		24-26.5	" "	soft							X									L	M	3.5	12-14	silty sand wet
28.5		26.5-28	red brown yellow purple	stiff										X						L	M	3.1	14-16	silty clay w/sm 1, USM
30		28.5-30	red brown	stiff										X						L	W	2.2	16-18	clay dry hard
~~30~~ 31		~~30~~-31	" "	soft							X									L	M	4.5	18-20	~~silty~~ sand, wet
32		31-32	" " + yellow	stiff									X	X						L	M	3.4	20-22	silty clay, moist to USM 18-20
35		32-35	brown, yellow, wht	"										X						L	W	8.3	22-24	clay, ~~mottled~~, dry
																						4.5	24-26	
																						2.4	26-28	
																						3.0	28-30	
																						2.2	30-32	
																						8.6	32-34	
																						5.3	34-36	

Bkg 0.0 to humid work wet

27

Sand ~20 ground

clayball

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 7/28/13

Boring #: IWE-1

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	gray	hard		X														X		5.6	0-2	gravel + sand fill, wet
4.5		3.5-4.5	red brown	stiff										X						X		10.4	2-4	silty clay, dry
5.5		4.5-5.5	red brown & white	"										X						X		10.8	4-6	" " dry
6.5		5.5-6.5	red brown	"										X						X		13.6	6-8	" " VSM
7.0		6.5-7	" "	"										X						X		5.6	8-10	" " slight moisture
7.5		7.0-7.5	" "	"										X						X		7.2	10-12	" " VSM
15		14.5-15	" "	"									X							X		20.6	12-14	clayey silt - slight moisture
16		15-16	" "	"										X						X		6.7	14-16	silty clay - VSM
17		16-17	" "	"									X							X		11.4	16-18	clayey sandy silt - slight moisture
25.5		17-26	" "	soft							X									X		3.8	18-20	silty SAND, coarse to fine, loose
35	27	26-35	yellow, brown, red, white	stiff										X						X		2.4	20-22	silty clay, friable dry
		27-35	" " " "	"										X						X		2.5	22-24	" " " "
																						2.2	24-26	
																						12.4	26-28	
																						13.6	28-30	
																						6.2	30-32	
																						5.1	32-34	
																						4.6	34-36	

USCS: Gravels (well graded gravel; poorly graded gravel; Gravel/sand/silt mix; Clayey gravel); Sands (well graded sand; poorly graded sand; Silty sand; Clayey sand); Low Plasticity (Inorganic clay/silt/sand; Inorg. clays, low-med plastic; Org silt/clay low plastic); High Plasticity (Inorg. silt/sand elastic; Inorg. Clay, hihg plastic; Org. clay med/high plastic); Peat/highly organic

Plasticity, H, M, L: H = High, M = Medium, L = Low

Sorting: W = Well, M = Moderately, P = Poorly

Remarks: 1 = Trace, 2 = Little, 3 = Some, 4 = Mostly

Handwritten notes: Hexane Purge Activity PID; Background 0.2; PID Depth 0-2 ground surface; 3 trash

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 8/29/13

Boring #: IWE-24

BKG 1.8 Humidity/condensation

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel GW	Gravels: poorly graded gravel GP	Gravels: Gravel/sand/silt mix GM	Gravels: Clayey gravel GC	Sands: well graded sand SW	Sands: poorly graded sand SP	Sands: Silty sand SM	Sands: Clayey sand SC	Low Plasticity: Inorganic clay/silt/sand ML	Low Plasticity: Inorg. clays, low-med plastic CL	Low Plasticity: Org silt/clay low plastic OL	High Plasticity: Inorg. silt/sand elastic MH	High Plasticity: Inorg. Clay, hihg plastic CH	High Plasticity: Org. clay med/high plastic OH	Peat/highly organic Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	gray	hard		X														L	M	>50	0-2	gray sandy gravel, moist
6		3.5-6	yellow brown	mod soft							X									L	M	>50	2-4	silty sand, moist to wet
11		6-11	red brown	stiff										X						L	M	25.7	4-6	silty clay, USM
13		11-13	" "	mod. stiff									X							L	[illegible]	33.4	6-8	clayey sandy silt, slightly moist
15		13-15.5	" "	stiff										X						L	M	>50	8-10	silty clay, USM
32		15.5-32	brown to red brown	soft							X									L	M	3.1	10-12	silty sand, moist to wet
34.5		32-34.5	brown white	pebble												X	X	X		H	L	48	12-14	silty sandy clay, slightly moist
35		34.5-35	brown purple yellow white	stiff										X						L	M	>50	14-16	clay to silty clay USM
																						11.5	16-18	
																						7.5	18-20	
																						3.9	20-22	
																						2.9	22-24	
																						3.1	24-26	
																						3.0	26-28	
																						3.3	28-30	
																					1.2	[illegible]	30-32	
																						7.4	32-34	
																						1.3	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: IWE-23

Boring #:

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel GW	Gravels: poorly graded gravel GP	Gravels: Gravel/sand/silt mix GM	Gravels: Clayey gravel GC	Sands: well graded sand SW	Sands: poorly graded sand SP	Sands: Silty sand SM	Sands: Clayey sand SC	Low Plasticity: Inorganic clay/silt/sand ML	Low Plasticity: Inorg. clays, low-med plastic CL	Low Plasticity: Org silt/clay low plastic OL	High Plasticity: Inorg. silt/sand elastic MH	High Plasticity: Inorg. Clay, hihg plastic CH	High Plasticity: Org. clay med/high plastic OH	Peat/highly organic Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	gray	Hard		X											X			X	P	5.2	0-2	gravel w/ sand fill, moist
7.0		3.5-7	Brown	pliable													X			H	W	7.25	2-4	clay to silty clay, VSM
7.5		7-7.5	red brown	stiff										X						L	M	6.0	4-6	silty clay, VSM
8.0		7.5-8	brown gray	pliable												X				MH	L	6.4	6-8	sandy clay, SM
12.5		8-12.5	red w/ gray streaks	stiff										X						L	M	12.6	8-10	silty clay, VSM
33		12.5-33	red brown	soft to mod soft							X									L	M	5.4	10-12	silty sand, moist to wet
35		33-35	red brown white flecks	pliable												X				H	P	11.4	12-14	clayey sandy silt, moist
																						8.2	14-16	
																						*43.4	16-18	
																						11.7	18-20	
																						39.5	20-22	
																						26.8	22-24	
																						5.2	24-26	
																						6.0	26-28	
																						35.0	28-30	
																						5.4	30-32	
																						4.8	32-34	
																						15.1	34-36	

3.49 0.5 Humidity/ cond.*

3-4" Rock @ 16-17' Thrown stone?

*43.4 real-not cond.

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 1/4/13

Boring #: IWE-18

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.0		0-3.0	gray, brown				X													L	P		0-2	gravel sand fill, moist
3.5	3.0	3.5-4	Brown					X												M	P		2-4	clayey gravel fill, moist
4.0		3.5-4	gray			X														L	NA		4-6	gravel sand mix dry
6'		4.0-6	concrete est	hard																L	NA		6-8	concrete
8.0		6-8	red brown	mod stiff										X						M	M		8-10	silty clay, sm to vsm, med plastic
12.5		8-12.5	" "	stiff										X						L	M		10-12	" " , dry, stiff
15.5		12.5-15.5	lt. red brown/yellow	mod stiff									X							M	P		12-14	silty clay w/ sand, SM
17.5		15.5-17.5	red brown	stiff										X						L	M		14-16	silty clay, vsm, stiff
21.5		17.5-21.5	red brown	mod soft								X								M	P		16-18	clayey sand, moist to wet
21.5-22		21.5-22	" "	m stiff									X							M	P		18-20	~~clayey sand~~ sandy clay, moist
23		22-23	" "	mod soft								X								M	P		20-22	clayey sand
25		23-25	" "	m stiff									X							M	P		22-24	sandy clay, moist
30		25-30	" "	mod soft								X								M	P		24-26	clayey sand, moist to wet
31		30-31	" "	stiff										X						L	M		26-28	silty clay, vsm
32		31-33	yellow brown red	"										X						L	M		28-30	" " "
33-34		33-34	Lt. Brown	mod stiff							X									L	M		30-32	silty sand, SM
35		34-35	yellow gray	"							X									L	M		32-34	" " " "
																							34-36	

Petro odor

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/4/13

Boring #: IWE-22

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
6'		5-6'	Gray	Hard		X														L	P	0.0	0-2	Sandy gravel, moist
8'		6'-8'	yellow brown	plastic												X				H	M		2-4	Silty clay, plastic, USCS
9'		8-9	" "	stiff										X						L	M		4-6	Silty clay, stiff, USCS
11		9'-11	red, yellow	stiff										X						L	M		6-8	" " " "
12		11-12	" "	med stiff										X						M	M		8-10	" " med stiff, SM
20		12-20	red brown	stiff										X						L	M		10-12	Silty clay, w/sand, USCS
31		20-31	" "	Med stiff									X							L	P		12-14	Silty sand, wet @ 20-21, clay @ 23' wet
35		31-36	red brown to orange brown	stiff										X									14-16	Silty clay w some sand @ 33-34 USCS FILL
																							16-18	
																							18-20	
																							20-22	
																					X	65.3	22-24	
																						21.4	24-26	
																						1.4	26-28	
																						4.3	28-30	
																						1.9	30-32	
																						2.6	32-34	
																						3.4	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/5/13

Boring #: IWE-19

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
2		0-2	Brown gray	fill			X													L	P	1.1	0-2	gravelly Sand fine, SM
3		2-3	Brown gray	stiff									X							L	P	1.4	2-4	silty clay w sand, VSM
4		3-4	red brown	"						X										L	P	2.2	4-6	silty sand w gravel, SM
4.5		4-4.5	" "	soft							X									L	M	1.6	6-8	silty sand, moist
8		4.5-8	" "	med stiff							X	X								L	P	1.8	8-10	silty sand w clay, med stiff SM
10.5		8-10.5	" "	stiff										X						L	M	2.1	10-12	silty clay, VSM
13.5		10.5-13.5	brown	med stiff								X								M	P	2.8	12-14	clayey sand, SM
21.5		13.5-21.5	red brown	stiff										X						L	M	3.2	14-16	silty clay VSM w sandy layer @ 16'-16.5 SM
30.5		21.5-30.5	" "	soft							X	X								L	M	1.6	16-18	silty sand, soft, wet
35		30.5-35	red brown, yellow	stiff										X						C	M	2.8	18-20	silty clay, friable, dry
																						32.7	20-22	w sand w/ white sc
																						21.2	22-24	to 33.5-34.5
																						4.1	24-26	
																						4.0	26-28	
																						3.8	28-30	
																						2.0	30-32	
																						3.4	32-34	
																						3.7	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/5/13

Boring #: IWE-20

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) 0-2 BKG	PID Depth	Remarks
3'		0-3	gray ~~sm~~	Hard			X													L	P	0.4	0-2	sand gravel mix, sm
4.5		3-4.5	Brown	~~[illegible]~~ stiff								X	X							L	P	0.9	2-4	~~clayey sand, sm~~ sandy clay sl
5		4.5-5	"	soft								X								L	P	1.1	4-6	clayey sand, sm
6.5		5-6.5	"	soft			X													L	P	2.6	6-8	sand w/ gravel, moist
7		6.5-7	"	med soft								X								L	P	0.6	8-10	clayey sand, sm
8		7-8	"	stiff										X						L	P	1.0	10-12	silty clay, vsm
9		8-9	"	med soft								X								L	P	20.4	12-14	clayey sand, moist
11		9-11	"	pliable												X				MH	P	17.1	14-16	silty sandy clay, sm, plastic
12		11-12	" stiff	~~[illegible]~~										X	X					L	M	26.3	16-18	silty clay, vsm
13.5		12-13.5	red brown	pliable												X				MH	P	84.4	18-20	silty sandy clay, sm, plastic
14		13.5-14	red brown	soft								X	X							L	P	4.4	20-22	silty sand, soft, ~~[illegible]~~ wet
16		14-16	red brown	mod soft										X						LM	M	10.1	22-24	silty clay, mod soft, sm
18.5		16-18.5	" "	mod soft								X								LM	P	5.0	24-26	clayey sand, " " ~~sm~~ wet
19		18.5-19	" "	soft							X									L	P	25.9	26-28	silty sand, soft, wet
21		19-21	" "	mod soft								X								M	P	14.7	28-30	clayey sand, mod soft, ~~sm~~ moist
31		21-31	brown to red brown	soft							X									L	P	44.4	30-32	silty clayey sand, soft wet
32		31-32	red brown orange	pliable												X				M	P	10.7	32-34	silty clay, pliable sm
35		32-35	purple red brown gray	stiff										X						L	M	2.6	34-36	silty clay, stiff, dry

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/6/13

Boring #: IWE-21

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3'		0-3'	Grey	Natural			X													L	P	0.8	0-2	gravel sand mix, slightly moist
4.5'		3-4.5	brown	Mod stiff										X						M	P	1.3	2-4	sandy clay
8'		4.5-8	red brown	soft						X	X									L	P	1.9	4-6	sand to silty sand gravel @ 4.5-5
9'		8-9	" "	Mod soft								X								L	P	2.3	6-8	clayey sand, moist
9.5		9-9.75	" "	soft						X	X									L	P	1.8	8-10	sand to silty sand, moist-wet
10.22		9.75-10.25	" "	Mod soft								X								L	P	1.3	10-12	clayey sand, moist-wet
14		10.25-14	" "	stiff										X						L	M	1.2	12-14	silty clay to clay, VSM to dry
19		14-19	" "	Mod stiff								X	X							L	M	1.6	14-16	clayey sand to sandy clay, SM to moist
32		19-32	" "	soft							X	X								L	M	1.7	16-18	silty sandy stiff, wet
34.5		32-34.5	Brown	pliable													X			H	M	1.2	18-20	clay to silty clay, plastic, SM
35		34.5-35	"	stiff										X						L	M	1.8	20-22	silty clay, stiff, VSM
																						1.9	22-24	
																						1.5	24-26	
																						1.3	26-28	
																						1.5	28-30	
																						4.2	30-32	
																						13.6	32-34	
																						47.5	34-36	

BKS 0.2

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/6/13

Boring #: IWE -13

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel GW	Gravels: poorly graded gravel GP	Gravels: Gravel/sand/silt mix GM	Gravels: Clayey gravel GC	Sands: well graded sand SW	Sands: poorly graded sand SP	Sands: Silty sand SM	Sands: Clayey sand SC	Low Plasticity: Inorganic clay/silt/sand ML	Low Plasticity: Inorg. clays, low-med plastic CL	Low Plasticity: Org silt/clay low plastic OL	High Plasticity: Inorg. silt/sand elastic MH	High Plasticity: Inorg. Clay, hihg plastic CH	High Plasticity: Org. clay med/high plastic OH	Peat/highly organic Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth (0.1 Bkg)	Remarks
3		0-3	gray	Hard			X													L	P	0.9	0-2	gravel sand mix, SM
7.5		3-7.5	red brown	stiff										X						L	M	2.2	2-4	silty clay, friable, dry
11		7.5-10	" " " some gray	"										X						L	M	2.7	4-6	silty clay, VSM
11.5		11-11.5	pink/gray	soft							X									L	M	1.6	6-8	silty sand, wet
12		11.5-12	orange purple gray	mod soft								X								M	P	2.8	8-10	clayey sand, moist
12.5		12-12.5	" gray	soft							X									L	P	2.1	10-12	silty sand w/ clay, wet
16		12.5-16	red brown gray	stiff										X						L	M	3.6	12-14	silty clay, VSM
16.5		16-16.5	red brown	soft							X									L	M	2.0	14-16	silty sand, moist
17.5		16.5-17.5	red brown	stiff										X						L	M	1.5	16-18	silty clay, VSM
21.5		17.5-21.5	" "	mod stiff								X	X							L	P	1.6	18-20	clayey sand to sandy clay moist
23		21.5-23	" "	soft							X									L	M	1.8	20-22	silty sand, wet, soft moist
25.5		23-25.5	" "	mod stiff								X	X							L	P	1.4	22-24	clayey sand to sandy clay w/ rock 2-3" & small gravel to 26'
28		25.5-28	red brown yellow	stiff										X						L	M	2.3	24-26	silty clay VSM
30		28-30	" "	"										X						L	M	1.4	26-28	silty clay dry friable
35		30-35	" "	"										X						L	M	2.2	28-30	silty clay, VSM
																						1.3	30-32	
																						1.7	32-34	
																						1.1	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/7/13

Boring #: IWE -14

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3'		0-3	gravy	Hard/soft			X													L	P	1.2	0-2	gravel sand max SM
10.5'		3-10.5	red brown	stiff										X		[illegible]				L	M	7.2	2-4	silty clay, VSM, Hitan @ 4.
12'		10.5-12	tan/gray purple	pliable												X				M/H	P	9.1	4-6	silty sandy clay, SM
~~[illegible]~~	16'	12-16	red brown	stiff										X						L	M	6.9	6-8	silty clay, VSM
			~~[illegible]~~																			10.2	8-10	
16.5		16-16.5	red brown	soft							X									L	P	10.7	10-12	silty sand, moist
19.5		16-19.5	red brown	mod soft								X	X							L	P	9.6	12-14	clayey sand to sandy clay moist to SM
25.5		19.5-25.5	" "	soft							X									L	M	11.5	14-16	silty sand, soft, wet
26.5		25.5-26.5	" "	mod soft								[illegible]	X							L	M	11.6	16-18	cl[illegible], ~~wet~~ sandy mo clay
28.0		26.5-28	" "	mod soft								X	[illegible]							L	P	5.4	18-20	clayey sand, wet
29.5		28-29.5	" "	pliable												X				M/H	P	1.4	20-22	sandy silty clay
35		29.5-35	red brown yellow purple	stiff										X						L	M	2.9	22-24	silty clay, dry friable
																						2.8	24-26	
																						1.9	26-28	
																						3.0	28-30	
																						1.6	30-32	
																						1.8	32-34	
																						2.1	34-36	

condensation

gravel @ 3-3.5' sand sand

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/7/13

Boring #: IWE-15

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
2.5		0-2.5	gray	hard			X													L	P	0.7	0-2	gravel sand mix vsm
3.0		2.5-3	brown	stiff									X							L	M	21.2	2-4	sandy silt vsm.
4.0		3-4	red brown	"									X							L	M	10.9	4-6	" " vsm
5.0		4-5	brown	"									X							L	M	19.1	6-8	" " "
10.5		5-10.5	red brown	"							X		X							L	M	68.3	8-10	silty sand to sandy silt, moist
11.5		10.5-11.5	" "	"										X						L	M	2.6	10-12	silty clay vsm
15.5		11.5-15.5	brown to red brown	mod soft							X		X							L	M	5.5	12-14	silty sand to sandy silt moist
16.5		15.5-16.5	red brown	stiff										X						L	M	15.8	14-16	silty clay vsm
17.5		16.5-17.5	brown to red brown	mod soft							X		X							L	M	92.1	16-18	silty sand to sandy silt moist
~~19~~-21		17.5-19	red brown	stiff										X						L	M	28.2	18-20	silty clay vsm
21		19-21	~~brown~~ to red brown	mod soft							X		X							L	M	4.5	20-22	silty sand to sandy silt moist
27.5		21-27.5	red brown	soft							X									L	M	2.1	22-24	silty sand soft, wet
29		27.5-29	" "	mod stiff								X	X							L	M	1.7	24-26	clayey sand to sandy clay moist
30		29-30	" "	stiff										X						L	M	1.1	26-28	silty clay, vsm
~~33~~	33	31-33	yellow red orange	~~stiff~~										~~X~~			~~X~~			M/H	M	1.9	28-30	silty clay to clay, vsm
~~33~~		~~33-35~~	~~" [illegible]~~	~~stiff~~										~~X~~								1.8	30-32	~~silty clay vsm~~
			stiff																			1.7	32-34	
																						1.6	34-36	

rock at base

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 7/8/13

Boring #: IWE-16

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW well graded gravel	GP poorly graded gravel	GM Gravel/sand/silt mix	GC Clayey gravel	SW well graded sand	SP poorly graded sand	SM Silty sand	SC Clayey sand	ML Inorganic clay/silt/sand	CL Inorg. clays, low-med plastic	OL Org silt/clay low plastic	MH Inorg. silt/sand elastic	CH Inorg. Clay, hihg plastic	OH Org. clay med/high plastic	Pt Peat/highly organic	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
2.5		0-2.5	gray	hard/soft			X													L	P	0.4	0-2	gravel sand mix, SVM
3.8		2.5-3	brown	stiff									X							L	M	1.7	2-4	sand, silt clay some gravel, VSM
5.0		3-5	"	soft						X										L	W	2.5	4-6	sand, some silt, moist — fill gravel @ 3.5-4
6.75		5-6.75	"	mod soft								X								L	P	2.0	6-8	clayey sandy moist
7.25		6.75-7.25	"	soft							X									L	M	1.4	8-10	silty sand, moist
9.0		7.25-9	red brown	stiff										X						L	M	0.1	10-12	silty clay, VSM
9.25		9-9.25	" "	soft							X									L	M	1.4	12-14	silty sand, moist
10.25		9.25-10.25	" "	stiff										X						L	VM	0.6	14-16	silty clay, VSM
13.0		10.25-13	" "	soft							X	X								L	P	1.5	16-18	silty sand w clay balls moist
13.5		13-13.5	" "	mod soft						X										L	P	1.5	18-20	silty sand w rock frags moist
31		13.5-31	brown to red brown	soft							X									L	M	0.4	20-22	silty sandy, moist to wet
32		31-32	brown	plastic											X	X				H	P	1.4	22-24	sandy clay, moist
33		32-33	brown to red brown	"												X				H	P	6.2	24-26	" " "
34		33-34	yellow, brown, purple	stiff										X						L	M	27.4	26-28	silty clay VSM
34.6, 35		34-35	yellow	mod soft									X							M	P	28.6	28-30	sandy clayey, silty, moist
																						11.1	30-32	
																						15.2	32-34	
																						5.5	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: _____

Boring #:

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, hihg plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth (BKG 0.0)	Remarks
2.5		0-2.5	gray	Hard/soft			X													L	P	0.0	0-2	gravel sand mix, SW
3.5		2.5-3.5	brown	stiff										X		X				M/L	P	1.5	2-4	silty clay w/ sand, gravel
5.5		3.5-5.5	brown	soft						X										L	P	0.9	4-6	sand w/ silt gravel 3.5-4, moist
6.5		5.5-6.5	brown	mod stiff								X								L	P	1.3	6-8	clayey sand, moist
7.0		6.5-7	brown	soft							X									L	M	0.8	8-10	silty sand, moist
8.5		7-8.5	brown	mod soft								X								L	P	0.3	10-12	clayey sand, moist
10.5		8.5-10.5	"	soft							X									L	M	0.7	12-14	silty sand, moist
14		10.5-14	red brown	mod stiff								X	X							L/M	P	1.2	14-16	sandy clay to clayey sand, moist
15		14-15	" "	soft							X									L	M	1.3	16-18	silty sand moist
17		15-17	" "	mod stiff								X	X							L/M	P	1.0	18-20	sandy clay to clayey sand, moist
17.5		17-17.5	18.5 " "	soft							X									L	M	0.4	20-22	silty sand, moist
18.5		17.5-18.5	" "	mod stiff										X						L	M	0.6	22-24	silty clay, VSM
19.5		18.5-19.5	" "	soft							X									L	M	0.6	24-26	silty sand, moist
23		19.5-23	" "	pliable												X	X			H	P	1.4	26-28	clay w/ sand, SM
32		23-32	" "	soft							X									L	M	1.3	28-30	silty sand, wet
33		32-33	" "	pliable												X				H	P	3.6	30-32	clay w/ sand, moist
34		33-34	yellow red gray	pliable										X		X				M/H	M	11.1	32-34	silty clay, with plastic VSM
35		34-35	" "	stiff										X						L	M	22.5	34-36	silty clay, VSM to dry

Boring Log Field Sheet NZ1C04769

Project Name & Number: GW Remediation Blocks E, G&I 2013

Geologist: W. ONeil

Driller: L. Hunsberger

Drilling Co: Cascade

Date: 9/5/13

Boring #: 1SEMW-11

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	Remarks
3.5		0-3.5	grey gravel	Hard		X														L	W	1.2	gravel fill (Cpk 7) SM
4.4		3.5-4.5	brown to red brown	soft							X		X							L	P	1.8	Silty sandy gravel top 6" wet
5.0		4.5-5	red brown	stiff									X							L	MR	2.6	sandy clay, SM
6.0		5-6	" "	"										X						L	M	0.8	silty clay USM
8.0		6-8	" "	soft							X									L	M	6.3	silty sand, moist
9.0		8-9	" "	mod soft								X								R	MR	0.6	clayey sand, SM
11.0		9-11	" "	soft							X									L	M	3.3	silty sand, moist
16		11-16	" "	stiff										X						L	M	3.9	silty clay SM
18.5		16-18.5	" "	mod soft								X								L	MR	1.7	Clayey sand wet
20		18.5-20	" "	soft							X									L	M	1.3	silty sand, wet
28		20-28	" "	soft								X								M	P	0.0	clayey sand, wet
30		28-30	red, green, grey	stiff										X						L	M	0.3	silty clay VSM
																						0.9	
																						1.5	
																						1.7	

Boring Log Field S

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/9/13

Boring #: SEMW-6I

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
1		0-1	Dark Brown	soft											X					L	P	1.1	0-2	topsoil
2		1-2	orange brown	"										X						L	M	1.4	2-4	silty clay, Fringing VSM today
5		2-5	orange brown	Friable												X	X			H	M	1.4	4-6	clay to silty clay, VSM
7		5-7	H. brown red	stiff										X						L	M	2.1	6-8	silty clay, VSM
9		7-9	red brown orange, gray	"										X						L	M	1.7	8-10	" " "
12		9-12	red brown	"										X						L	M	1.9	10-12	" " "
22		12-22	" "	mostly soft							X									L	M	1.6	12-14	silty sand wet rock @ 5'-5.5
22.25		22-22.25	" "	stiff													X			H	M	2.6	14-16	plastic clay, VSM
34.75		22.25-34.75	red brown to brown	soft							X									L	M	7.2	16-18	silty sand w/ minimal clay
36		34.75-35	red brown	stiff								X	X							L	P	47.3	18-20	clay ball @ 24' wet
																						81.0	20-22	clay sand to sandy clay moist
																						40.3	22-24	
																						3.0	24-26	
																						12.1	26-28	
																						18.6	28-30	
																							30-32	
																							32-34	
																							34-36	

Boring Log Field Sl

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/16/13 start 09:58

Boring #: SWW-35

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW well graded gravel	GP poorly graded gravel	GM Gravel/sand/silt mix	GC Clayey gravel	SW well graded sand	SP poorly graded sand	SM Silty sand	SC Clayey sand	ML Inorganic clay/silt/sand	CL Inorg. clays, low-med plastic	OL Org silt/clay low plastic	MH Inorg. silt/sand elastic	CH Inorg. Clay, high plastic	OH Org. clay med/high plastic	Pt Peat/highly organic	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
04'		0-4.5	H. brown	soft						X										L	M	0.0	0-2	sand w/ c sand, some silt
6'		4.5-6	med brown	soft								X								M	P	0.2	2-4	clayey sand to sandy
05 6.5		6-7.05	orange brown/grey	med stiff/soft										X						M	M	0.4	4-6	silty clay to clayey silt, moist
7		6.5-12	brown/grey	med stiff									X							M	M	0.7	6-8	clayey silt w/ sand, sticky
12.5		12-12.5	" "	"				X												M	P	0.6	8-10	clayey sand, moist
17-17.5		12.5-17	" "	"									X							M	M	0.2	10-12	clay silt w/ sand, moist
17.5		17-17.5	med brown	"										X			X			MH	M	0.4	12-14	clay to silty clay
20		17.5-20	" "	soft							X									L	M	0.4	14-16	silty sand, moist
20.5		20-20.5	" "	stiff										X						L	M	0.5	16-18	silty clay, moist
22		20.5-22	" "	med soft								X								L	M	0.0	18-20	clayey silt, moist
25		22-25	" "	soft							X									L	M	0.1	20-22	silty sand, wet
25.5		25-25.5	" "	"								X								L	M	8.3	22-24	clayey silt, charred
26.5		25.5-26.5	" "	stiff										X						L	M	6.1	24-26	silty clay, moist
33		26.5-33	" " + gray at base	soft							X									L	M	10.9	26-28	silty sand, wet
35		35	med brown, gray	med stiff												X	X			H	M	14.3	28-30	plastic clay to silty clay, moist
																						9.0	30-32	
																						16.3	32-34	
																						1.7	34-36	

Boring Log Field SI

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/16/13

Boring #: DWN-34

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plasticity (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	H. brown	soft		X														L	P	0.3	0-2	sandy gravel, SM
~~3.5~~ 7.0		3.5-7	orange brown	stiff									X							L	P	0.4	2-4	clay silt, some sand moist
9.5		7-9.5	" " "	med soft							X	X								L	P	0.9	4-6	silty sand w/some clay wet
11.5		9.5-11.5	" " tgray	stiff									X							L	P	0.9	6-8	clayey silty moist
12.5		11.5-12.5	red brown	soft							X									L	M	0.8	8-10	silty SAND, wet
13		12.5-13	" "	stiff				X												AA	P	0.4	10-12	CLAY gravel, very moist
14		13-14	" "	med soft									X							L	P	0.6	12-14	clay silt w/ sand moist
16.5		14-16.5	" "	stiff												X				M/H	M	1.1	14-16	silty clay, mod. plasticity
18		16.5-18	" "	med soft									X							L	P	1.1	16-18	clay silty sand, moist
20.5		18-~~20~~ 23.5	" "	stiff										X						M/H	P	0.6	18-20	silty clay w/ fine sand 225-2
24		23.5-24	" "	soft								X								M	P	2.0	20-22	clay w/ sand, wet
24.5		24-24.5	red brown gray	stiff										X						L	M	4.3	22-24	silty clay, USM
26.5		24.5-26.5	red brown gray	soft								X								M	P	8.6	24-26	clayey sand, wet
27.5		26.5-27.5	gray	soft							X						19.4			L	M	5.2	26-28	silty sand, wet
28.5		27.5-28.5	"	"								X								M	P	5.2	28-30	clayey sand, wet
30		28.5-30	brown w/ gray rivet	stiff										X						L	M	0.7	30-32	silty clay, USM
35		30-35	red brown	"												X				M/H	M	0.7	32-34	clay to silty clay USM
																						1.1	34-36	

Boring Log Field SI

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/17/13

Boring #: IWW-33

* condensation

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel GW	Gravels: poorly graded gravel GP	Gravels: Gravel/sand/silt mix GM	Gravels: Clayey gravel GC	Sands: well graded sand SW	Sands: poorly graded sand SP	Sands: Silty sand SM	Sands: Clayey sand SC	Low Plasticity: Inorganic clay/silt/sand ML	Low Plasticity: Inorg. clays, low-med plastic CL	Low Plasticity: Org silt/clay low plastic OL	High Plasticity: Inorg. silt/sand elastic MH	High Plasticity: Inorg. Clay, high plastic CH	High Plasticity: Org. clay med/high plastic OH	Peat/highly organic Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm) 34 0.2	PID Depth	Remarks
3'		0-3	gray brown	soft						X										L	P	3.2	0-2	sand fill w/ gravel, sm
4.5		3-4.5	brown	mod stiff									X							M	P	20*	2-4	silty sandy clay, sm
7.5		4.5-7.5	brown	mod soft								X								L	P	11.6*	4-6	clayey sand, sm to moist
11		7.5-11	brown	" "								X								L	P	20*	6-8	clayey sand w/ some gravel, moist
12		11-12	red brown	~~mod~~ stiff				X												L	P	10.1*	8-10	clayey gravel, sm
14		12-14	" "	stiff												X				M/H	M	0.9	10-12	silty clay, vsm
16		14-16	" "	mod soft								X								L/M	P	1.1	12-14	clayey sand, moist
19		16-19	" "	~~mod~~ stiff										X						L	M	1.3	14-16	silty clay, vsm to sm
21		19-21	brown to rust	mod soft								X								L	P	1.3	16-18	clayey sandy, moist to sm
21.5		21-21.5	red brown	mod stiff									X							L	P	1.4	18-20	silt/clay/sand, moist to wet
27		21.5-27	red brown & gray	mod soft								X	X							L/M	P	7.1	20-22	clayey sand to sandy clay, wet
30		27-30	red brown	stiff										X						L	M	4.9	22-24	silty clay, vsm
35		30-35	red brown & gray	"										X			X			M/H	M	9.6	24-26	clay to silty clay, vsm
																						2.1	26-28	
																						2.1	28-30	
																						0.4	30-32	
																						0.5	32-34	
																						0.6	34-36	

Boring Log Field Sl

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/18/13

Boring #: IWW-32

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) 0.2	PID Depth	Remarks
3.0		0-3	gray brown tan	soft						X										L	P	2.1	0-2	sand w/ gravel, SM
3.5		3-3.5	green	mod soft												X				M/H	P	2.2	2-4	sandy silty clay, SM
4.5		3.5-4.5	red brown	" "												X				"	P	2.5	4-6	" " " SM
5.0		4.5-5	"	" "					X			X								M	P	2.9	6-8	~~[illegible]~~ sand, SM
9.0		5-9	"	soft							X									L	M	2.3	8-10	silty sand, moist to wet
10.5		9-10.5	"	stiff										X						L	M	4.5	10-12	silty clay, VSM
11.5		10.5-11.5	yellow brown	stiff										X						L	M	10.2*	12-14	silty clay VSM
17.5		11.5-17.5	red brown	"										X						L	M	5.6	14-16	" " "
19.0		17.5-19.0	" "	mod soft												X				M/H	P	10.5*	16-18	sandy clay, SM moist
23		19-23	" to gray	mod soft							X	X								L	P	11.2	18-20	~~[illegible]~~ clayey silty sand, wet
23.5		23-23.5	gray to red	mod soft												X				M/H	P	2.6	20-22	sandy silty clay, moist
24.5		23.5-24.5	red brown	stiff										X						L	M	3.4	22-24	silty clay, VSM
24.5		24.5-35	" "	"										X			X			M/H	M	2.1	24-26	" " "
																						2.4	26-28	
																						2.3	28-30	
																						2.7	30-32	
																						3.1	32-34	
																						3.4	34-36	

* condensation

Boring Log Field Si

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/18/13

Boring #: EIW-~~000~~ 31

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness
3		0-3	lt brown	~~stiff~~ soft
6		3-6	gray brown	stiff
6.5		6-6.5	brown	soft
7.5		6.5-7.5	gray brown	stiff
8		7.5-8	brown	soft
10.5		8-10.5	red brown	stiff
12		10.5-12	brown to red brown	stiff
15		12-15	red brown w/gray	v. stiff
21		18-	red brown	stiff
21.75		21-21.75	gray	soft
22.5		21.75-22.5	red brown	stiff
23.5		22.5-23.5	" "	"
27		23.5-27	" "	"
35		27-35	" "	"

USCS																								
Gravels				Sands				Low Plasticity			High Plasticity													
well graded gravel	poorly graded gravel	Gravel/sand/silt mix	Clayey gravel	well graded sand	poorly graded sand	Silty sand	Clayey sand	Inorganic clay/silt/sand	Inorg. clays, low-med plastic	Org silt/clay low plastic	Inorg. silt/sand elastic	Inorg. Clay, high plastic	Org. clay med/high plastic	Peat/highly organic										
GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm) (Bag H=0)	PID Depth	Remarks					
					X										L	P	2.5	0-2	~~Sand~~ Silty sand w/ gravel SM					
								X							M	P	1.7	2-4	silty clay w/ sand, USM					
				X											L	W	2.1	4-6	sand, moist to wet					
									X						L	M	1.4	6-8	silty clay, USM					
						X									L	P	1.1	8-10	silty sand w/ gravel					
									X						L	M	1.4	10-12	silty clay, USM					
							X		X						L	M	1.1	12-14	" " clay ~~stiff~~ wet, USM					
									X						L	M	1.6	14-16	silty clay, USM					
								X							L	P	1.3	16-18	silty clay w/ sand, USM					
				~~X~~	X										L	P	1.5	18-20	~~Sand~~ pebbly sand, wet					
									X						L	M	2.9	20-22	silty clay, USM					
												X			M/H	M	2.1	22-24	silty clay, USM					
									X						L	M	1.6	24-26	silty clay, USM					
									X			X			M/H	M	1.2	26-28	" " "					
																	0.6	28-30						
																	1.3	30-32						
																	2.1	32-34						
																	1.3	34-36						

Boring Log Field Sl

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/19/13

Boring #: IWW-30

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) B/Kg 0-0	PID Depth	Remarks
1		0-1	Black	Mod soft											X					L	P	1.1	0-2	soil, moist
3		1-3	Brown to red brown	soft							X									L	P	1.8	2-4	silty sand, moist
9.5		3-9.5	red brown w/gray streaks	stiff										X						L/M	M	1.9	4-6	silt to clay, VSM
10		9.5-10	green gray	"										X						L	M	2.1	6-8	" " "
10		10-12	Brown	"										X						L	M	1.5	8-10	silty clay, VSM friable
13		12-13	red brown	"										X						L	M	1.6	10-12	" " "
13.5		13-13.5	gray + red brown	"									X							L	P	1.9	12-14	silty sandy clay, SM
20		13.5-20	red brown + green streaks	"										X						L	M	1.7	14-16	silty clay, VSM
21		20-21	red brown	"									X							L	P	2.1	16-18	silty sandy clay, SM
22		21-22	gray/red brown	mod stiff								X	X							L/M	P	2.0	18-20	clayey sand to sandy, clay SM
23		22-23	gray	mod soft							X	X		29						L	P	2.0	20-22	silty/clayey sand w/ pebble trail
35		24-35	red brown	stiff	green streaks & gravel								28	X			X			L	M	5.3	22-24	silty clay, MH plastic VSM
																						1.4	24-26	
																						1.8	26-28	
																						1.1	28-30	
																						0.8	30-32	
																						1.0	32-34	
																						1.0	34-36	

Boring Log Field S:

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/21/13

Boring #: IWW-26

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	lt brown	soft						X										L	P	0.3	0-2	sand fill & gravel, silty
4		3.5-4	red brown	mod stiff							X									L	M	1.0	2-4	silty sand, wet
6.5		4-6.5	rust brown & gray	stiff										X						L	M	1.1	4-6	silty clay, damp to moist
11		6.5-11	red gray	mod stiff									X							L	P	1.8	6-8	silty very fine sand & clay, damp to
12		11-12	" "	stiff										X						L	M	1.4	8-10	silty clay, USCS
13		12-13	red brown to brown	soft												X	X			H	P	1.1	10-12	clay & sand, stiff, plastic, wet
13.5		13-13.5	red brown	stiff										X						L	M	1.4	12-14	silty clay, USCS
14.5		13.5-14.5	" "	mod soft												X	X			MH	P	8	14-16	clay w/ sand & silty, moist
15.5		14.5-15.5	" "	stiff										X						L	M	1.3	16-18	silty clay, USCS
16.5		15.5-16.5	" "	mod soft												X	X			MH	P	1.2	18-20	clay w/ sand & silty, moist
18		16.5-18	" "	stiff										X						L	M	9.6	20-22	silty clay, USCS
23		18-23	" "	soft							X									L	M	4.4	22-24	silty sand, wet
23.5		23-23.5	rust brown	mod soft								X								MH	P	5.3	24-26	clayey silt, wet
26		23.5-26	" "	soft							X									L	M	5.2	26-28	silty sand, wet
27.5		26-27.5	" "	stiff								X	X							L	F	3.5	28-30	clay, sand to sandy clay
32.5		27.5-32.5	brown to red brown	plastic												X	X			MH	M	2.7	30-32	silty clay, USCS
			" "																			1.4	32-34	
~~32.5~~ 33.5		32.5-~~35~~	red brown	stiff										X						L	M	1.2	34-36	silty clay, USCS
35		33.5-35	red brown	plastic												X	X			MH	M	[illegible]		silty clay, USCS

Boring Log Field S'

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/24/13

Boring #: IWW-23

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	lt. brown	stiff						X										L	P	1.4	0-2	sand, fill, [illegible]
4.5		3.5-4.5	brown to red brown	med stiff								X								L	P	2.6	2-4	clayey sand, moist
6		4.5-6	red brown	stiff							X									L	M	3.0	4-6	silty sand, clayey
9.5		6-9.5	brown, yellow, gray	med stiff									X							L	P	1.9	6-8	sandy silt, clay, moist
11		9.5-11	mottled gray	" "									X							L	P	1.9	8-10	sandy silt, clay, fine sand, moist
12.5		11-12.5	brown to red brown	med stiff									X							L	P	2.5	10-12	sandy silt, clay, brown, moist
16		12.5-16	red brown	stiff										X						L	M	1.9	12-14	silty clay, USCS
17.5		16-17.5	" "	"								X				X				ML	P	3.1	14-16	silty clayey sand, USCS, plastic
20		17.5-20	" "	"								X				X				L	P	2.8	16-18	clayey sand to sandy silt, clay, USCS to
22		20-22	red brown	soft			X			X	X	X								L	P	2.3	18-20	clayey silty sand w gravel, moist
23		22-23	" "	stiff									X							L	P	1.7	20-22	clayey silty clay, moist
24		23-24	" "	med stiff								X								L	P	3.2	22-24	clayey sand, moist
26.5		24-26.5	" "	stiff									X				3.7			L	P	3.9	24-26	sandy silt, clay, moist
27.5		26.5-27.5	gray	soft					X		X						7.4			L	M	3.7	26-28	silty sand, wet
28.5		27.5-28.5	red brown gray	stiff										X						L	M	7.4	28-30	silty clay, USCS
31.5		28.5-31.5	red brown	firm													X			MH	M	4.6	30-32	silty clay, USCS
32.5		31.5-32.5	" "	stiff										X						L	M	1.9	32-34	silty clay, USCS
33.5		32.5-33.5	" "	plastic													X			MH	M	1.5	34-36	" "
35		33.5-35	red brown/gray (33.5-34) & green (34.5-35)	stiff										X						L	M			" "
																		2.4						

Remarks: [illegible] silty clay, moist

Boring Log Field Sl.

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/19/13

Boring #: IWW-29

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	lt brown	soft					X	X										L	P	1.4	0-2	sand fill w/ gravel SW
5.0		3.5-5	rust brown	mod soft								X	X							L	P	1.5	2-4	clayey sand to sandy clay, wet
7.0		5-7	" "	"								X								L	P	1.2	4-6	clayey sand, moist
8.5		7-8.5	" "	"							X									L	M	1.6	6-8	silty sand, wet
10		8.5-10	" "	stiff										X						L/M	M	1.6	8-10	silty clay, VSM
13		10-13	brown w/ 2% wet sand lens and bed	stiff													X			H	M	0.7	10-12	silty clay, VSM moist
21		13-21	med brown	stiff										X						L	M	1.1	12-14	silty clay, VSM
25		21-25	" "	mod soft							X	X								L	P	1.3	14-16	silty sand w/ some clay, wet
27		25-27	" "	stiff										X						L	M	1.7	16-18	silty clay, VSM
28		27-28	" "	mod soft							X	X								L	P	1.4	18-20	silty sand w/ some clay, wet
29		28-29	" "	stiff												X				H	P	0.8	20-22	silty clay w/ sand, VSM
29.5		29-29.5	" "	mod soft							X	X								L	P	1.5	22-24	silty sand w/ some clay, wet
30		29.5-30	gray, med brown	stiff									X							L	P	1.1	24-26	silty clay w/ some sand, VSM
31.5		30-31.5	gray	soft							X	X								L	P	0.9	26-28	silty sand w/ some clay @ 31-31.5 wet
35		31.5-35	med brown	stiff										X			X			M/H	M	0.7	28-30	silty clay, VSM moist
																						0.4	30-32	plastic below 31.5
																						0.5	32-34	
																						0.4	34-36	

Boring Log Field S[illegible]

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date:

Boring #:

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) Bkg Dip	PID Depth	Remarks
3.5		0-3.5	lt brown	soft						X										L	P	1.2	0-2	sand fill w/ gravel, sm
4		3.5-4	rust brown	"							X									M	M	1.5	2-4	silty sand, wet
5		4-5	brown	"							X									L	M	2.1	4-6	" " "
7.5		5-7.5	rust brown	"							X									L	M	3.1	6-8	" " "
9.0		7.5-9	" "	stiff										X						L	M	2.4	8-10	silty clay, sm
11		9-11	yellow brown to gray	plainly													X			MH	M	0.7	10-12	silty clay, sm
12		11-12	brown	med stiff										X						L/M	M	2.4	12-14	silty clay, vsm
12.5		12-12.5	gray brown	" soft									X							L/M	M	2.9	14-16	sandy silty clay, sm
13.5		12.5-13.5	red brown	stiff										X						L/M	M	2.4	16-18	silty clay, vsm
16		13.5-16	red brown	med soft								X	X							L/M	P	2.7	18-20	~~silty~~ clay sand to sandy clay, [illegible]
22		16-22	" " w/ green cobble	stiff										X						L	M	1.6	20-22	silty clay, vsm
23		22-23	red brown	soft							X									L	M	2.7	22-24	silty sand, wet
23.5		23-23.5	" "	stiff stiff							X			X						L	P	3.4	24-26	silty sand/silty clay, wet [illegible]
30.5		23.5-30.5	red brown/gray	soft							X									L	M	12.0	26-28	silty sand, wet
31		30.5-31	brown	stiff								X	X							L	P	24.4	28-30	clayey sand to sandy clay, sm
32.5		31-32.5	red brown/gray	soft							X									L	M	14.1	30-32	silty sand, wet
35		32.5-35	red brown	stiff										X			X			M/H	M	6.7	32-34	silty clay, vsm
																						4.2	34-36	

Boring Log Field Sl

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/20/13

Boring #: IUW-27

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) Bkg 0.0	PID Depth	Remarks
3.5		0-3.5	lt. brown	soft						X										L	P	2.6	0-2	sand fill w/ gravel, SM
4.6		3.5-4	Black to gray	soft					X											L	W	2.8	2-4	sand wet
5.0		4-5	red brown	"							X									L	M	3.2	4-6	silty sand, wet
7.5		5-7.5	rust brown	stiff										X						L	M	2.7	6-8	silty clay, VSM
8.0		7.5-8	brown	soft							X									L	M	2.5	8-10	silty sand, wet
10.5		8-10.5	gray	mod soft										X						L	M	2.8	10-12	silty clay, SM
12		10.5-12	red brown/gray	[illegible]												X				M/H	P	2.7	12-14	silty sandy clay w/ gravel, SM
13		12-13	red brown	[illegible]												X				M/H	P	3.5	14-16	silty sandy clay, SM
13.5		13-13.5	brown	soft							X									L	M	3.6	16-18	silty sand, moist
15	13.5-15	13.5-15	red brown green	stiff										X						L	M	3.1	18-20	silty clay VSM
16		15-16	red brown	stiff									X							L	M	3.7	20-22	silty sandy clay, SM
17		16-17	" "	"										X						L	M	4.4	22-24	silty clay, VSM
19		17-19	red brown gray	soft							X			X						L	P	8.4	24-26	mixed silty clay w/ sandy clay to clayey sand
19.75		19-19.75	red brown	"							X									L	M	9.7	26-28	silty sand, wet
20.25		19.75-20.25	red brown	stiff										X						L	M	4.3	28-30	silty clay VSM
22		20.25-22	red brown	soft							X									L	M	1.3	30-32	silty sand, wet
22.5		22-22.5	" "	"								X								L	M	1.4	32-34	clayey sand, wet
28		22.5-28	red brown	"							X									L	M	1.3	34-36	silty sand, wet
29		28-29	red brown w/ gray streaks	stiff										X						L	M			silty clay, VSM
35		29-35	red brown	"													X			M/H	M			silty clay, VSM
			w/ 2" gravel @ 31.5'																					

Boring Log Field S:

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/21/13

Boring #: IWW-26

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		0-3.5	lt brown	soft						X										L	P	0.3	0-2	sand full w/ gravel, sm
4		3.5-4	red brown	mod stiff							X									L	M	1.0	2-4	silty sand, wet
6.5		4-6.5	rust brown gray	stiff										X						L	M	1.1	4-6	silty clay, vs sm to moist
11		6.5-11	med gray	mod stiff									X							L	P	1.8	6-8	silty very fine sand & clay, sm to mo
12		11-12	" "	stiff										X						L	M	1.4	8-10	silty clay, vs sm
13		12-13	red brown to brown	soft												X	[illegible]			H	P	1.1	10-12	clay w/ sand, silt, gravel, wet
13.5		13-13.5	red brown	stiff										X						L	M	1.4	12-14	silty clay, vs sm
14.5		13.5-14.5	" "	mod soft												X	[illegible]			M/H	P	1.8	14-16	clay w/ sand & silty, moist
15.5		14.5-15.5	" "	stiff										X						L	M	1.3	16-18	silty clay, vs sm
16.5		15.5-16.5	" "	mod soft												X	X			M/H	P	1.2	18-20	clay w/ sand & silty, moist
18		16.5-18	" "	stiff										X						L	M	4.8	20-22	silty clay, vs sm
23		18-23	" "	soft							X									L	M	4.9	22-24	silty sand, wet
23.5		23-23.5	~~red~~ gray brown	mod soft								X								L/M	P	5.3	24-26	clayey sand, wet
26		23.5-26	~~red~~ " "	soft							X									L	M	3.2	26-28	silty sand, wet
27.5		26-27.5	" "	stiff								X	X							L	F	3.8	28-30	clayey sand to sandy clay, w
32.5		27.5-32.5	brown to red brown w/ gray	pliable												X	[illegible]			M/H	M	2.7	30-32	silty clay, vs sm
																						1.4	32-34	
~~32.5~~ 33.5		32.5-33.5	red brown gray	stiff										X						L	M	1.7	34-36	silty clay, vs sm
35		33.5-35	red brown	pliable												X	[illegible]			M/H	M	[illegible]		silty clay, vs sm

Boring Log Field S

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/21/13

Boring #: IWW-29

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
3.5		3.5	lt brown	soft						X										L	P	1.4	0-2	sand fill w/ gravel, silt
4.5		3.5-4.5	brown to red brown	mod soft								X								L	P	2.6	2-4	clayey sand, moist
6		4.5-6	red brown	soft							X									L	M	3.0	4-6	silty sand, moist
9.5		6-9.5	brown, yellow, gray	mod stiff									X							L	P	1.9	6-8	sand, silt, clay, moist
11		9.5-11	med gray	" "									X							L	P	1.9	8-10	silt, clay, w/ sand, moist
12.5		11-12.5	brown to red brown	mod soft									X							L	P	[illegible]	10-12	sand, silt, clay, [illegible]
16		12.5-16	red brown	stiff										X						L	M	1.9	12-14	silty clay, [illegible]
17.5		16-17.5	" "	"								X	X			X				MH	P	3.1	14-16	silty clay w/ sand, [illegible] plastic
20		17.5-20	" "	"								X	X			X				L	P	2.8	16-18	clayey sand to with silt, sandy clay, SM to
22		20-22	red brown	soft			X			X	X	X								L	P	2.3	18-20	[illegible] w/ gravel, wet
23		22-23	" "	stiff									X							L	P	1.7	20-22	[illegible] clay, moist
24		23-24	" "	mod stiff								X								L	P	3.2	22-24	clayey sand, moist
26.5		24-26.5	" "	stiff									X				3.7			L	P	3.9	24-26	sand, silt, clay, moist
27.5		26.5-27.5	gray	soft					X		X						7.4			L	M	3.7	26-28	silty sand, wet
28.5		27.5-28.5	red brown gray	stiff										X						L	M	7.4	28-30	silty clay, [illegible]
31.5		28.5-31.5	red brown	pebble													X			MH	M	[illegible]	30-32	silty clay, [illegible]
32.5		31.5-32.5	" "	stiff										X						L	M	1.9	32-34	silty clay, [illegible]
33.5		32.5-33.5	" "	plunka													X			MH	M	1.5	34-36	" " "
35		33.5-35	red brown w/ gray (33.5-34) + green (34.5-35)	stiff										X						L	M			" " "
																		2.4						

Boring Log Field Sh

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: _____

Boring #: IWW-24

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness
31		1-3	lt brown	soft
4.5		3-4.5	red brown	soft
5.5		4.5-5.5	" "	stiff
7		5.5-7	" "	soft
7.5		7-7.5	" "	stiff
8		7.5-8	" "	soft
9		8-9	rust brown to gray	stiff
12		9-12	gray	"
12.5	13	12-12.5	red brown gray	soft
14		12.5-14	red brown	soft
15.5		14-15.5	brown	stiff
16	15	15.5-16	red brown	"
24		16-24	gray ~~sandstone~~	med soft
25		24-25	red brown	stiff
31.5		25-31.5	"	med soft
35		31.5-35	" "	stiff
			lt gray @ 31.5-32.5	
			& green @ 34-34.5	
				plastic

| USCS | Gravels | | | | Sands | | | | Low Plasticity | | | High Plasticity | | | |

Boring Log Field S'

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/22/03

25-27.5

Boring #: EWW-23

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
6.5		0-3'	lt brown	soft						X										L	P	0.1	0-2	sand fill or gravel, SM
4		3-4	mist brown	soft							X									L	M	2.2	2-4	silty sand, wet
5		4-5	" "	"								X								L	P	2.4	4-6	Clayey, sand wet
9.5		5-9.5	" "	"							X									L	P	1.8	6-8	silty, sand, wet
10.5		9.5-10.5	~~wet brown~~ [illegible]	mod soft									X							L	P	1.5	8-10	silt clay, trace sand
11.5		10.5-11.5	grey	"									X							L	P	2.2	10-12	" " " "
15		11.5-15	red brown to yellowish	stiff										X						L	M	2.3	12-14	silty clay, USCS
21		15-21	red brown	"										X						L	M	3.2	14-16	" " "
25		21-25	" "	"									X							M	M	2.8	16-18	" ~~clay~~ clay, sand & rock, USCS
26		25-26	dark brown/grey	soft						X										L	P	2.9	18-20	sand w/ wet rock
~~28~~ 27.5	26	~~25-28~~ 25-27.5	lt. grey	soft							X									L	M	2.1	20-22	silty sand, wet
28		~~27.5-28~~ 27.5-28	red brown grey	stiff									X							L	P	~~2.4~~	22-24	silty clay, w/ sand, USCS
35		28-35	red brown	plastic													X			H	W	5.7	24-26	clay USCS
			↑ w/ green grey @ 32-33'																			7.0	26-28	
																						2.9	28-30	
																			4.1			2.1	30-32	
																						2.4	32-34	
																						2.5	34-36	

Boring Log Field Sh

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/22/13

Boring #: IWW-22

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) Bkg 0.2	PID Depth	Remarks
2.5		0-2.5	lt brown	soft						X								L	→	M/H	P	1.5	0-2	sand fill w/ gravel, SM
3.5		2.5-3.5	~~brown~~ to rust brown	soft pliable												X				M/H	P	2.1	2-4	silty clay w/ sand, moist
4.8		3.5-4.0	~~rust brown~~ ↑ dark brown to gray w/ rust brown																			1.9	4-6	
11	3.5	11	rust brown to gray	stiff										X						L/M	M	2.6	6-8	silty clay, VSM
16	11-	16	red brown	"										X						L	M	1.8	8-10	" " "
22		16-22	" "	"													X			M/H	W	1.9	10-12	clay, VSM, plastic
24		22-24	" " gray	"								X	X							L	P	1.8	12-14	mixed silty clay w/ clayey sand, VSM
25.5		24-25.5	red brown	soft							X	X								L	M	2.6	14-16	silty sand w/ clay, wet
26.5		25.5-26.5	" "	stiff										X						L	M	3.0	16-18	silty clay VSM
28.5		26-28.5	" "	stiff									X							L	P	3.0	18-20	silty sand, clay, moist
29		28.5-29	gray	soft							X									L	M	1.3	20-22	silty sand, wet
35		29-35	red brown & gray	stiff													X			M/H	W	2.8	22-24	clay pliable VSM
																						2.4	24-26	
																						3.4	26-28	
																						3.6	28-30	
																						2.2	30-32	
																						2.4	32-34	
																						2.6	34-36	

Boring Log Field Sl

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 4/23/13

Boring #: IWW-21

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: GW well graded gravel	GP poorly graded gravel	GM Gravel/sand/silt mix	GC Clayey gravel	Sands: SW well graded sand	SP poorly graded sand	SM Silty sand	SC Clayey sand	Low Plasticity: ML Inorganic clay/silt/sand	CL Inorg. clays, low-med plastic	OL Org silt/clay low plastic	High Plasticity: MH Inorg. silt/sand elastic	CH Inorg. Clay, high plastic	OH Org. clay med/high plastic	Pt Peat/highly organic	Plasticity, H, M; L	Sorting	PID/FID (ppm) Bkg 0.0	PID Depth	Remarks
2.5		0-2.5	lt brown	soft						X										L	P	0.6	0-2	sand fill, w/ gravel
5		2.5-5	gray green, black brown	stiff									X							L	P	1.7	2-4	silt sand clay MT SM
5.5		5-5.5	red brown	hard								X								L	P	1.9	4-6	clayey sand, VSM
8		5.5-8	rust brown & gray	stiff										X						L	M	1.9	6-8	silty clay VSM
10		8-10	rust brown	"										X						L	M	1.5	8-10	" " "
12		10-12	brown	~~soft~~ plastic													X			H	W	*1.9	10-12	clay / VSM
12.5		12-12.5	brown	soft									X							L	P	2.2	12-14	silt sand, clay moist
16		12.5-16	red brown	stiff										X						L/M	M	2.9	14-16	silty clay / VSM
20		16-20	" "	"	moist @				18	18.5-19'						X	X			MH	M	3.0	16-18	clay to silty clay, VSM
22		20-22	" "	soft							X	X								L	R	2.9	18-20	clayey sand to silty sand wet
26		22-26	" "	plastic												X	X			MH	M	1.2	20-22	clay w/ some silty clay 24-25' VSM
27.5		26-27.5	red brown to gray	plastic							X						X			L/H	P	1.6	22-24	mixed clays silty sand VSM to wet
29.5		27.5-29.5	gray	soft					X		X									L	W	2.5	24-26	sand to silty sand, wet
30		29.5-30	red brown to gray	stiff													X			MH	W	4.0	26-28	clay VSM
32		30-32	red brown	soft						X	X									L	P	8.2	28-30	silty sand w/ clay wet
35		32-35	" " gray											X			X			MH	M	9.6	30-32	clay to silty clay VSM
																						2.0	32-34	
																						1.1	34-36	

* condensation in bags

Boring Log Field S'

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/23/13

Boring #: IWW-20

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
2.5		0-2.5	lt brown	soft						X										L	P	1.4	0-2	sand fill w ground SM
3.6		2.5-3.0	Brown	Med soft							X	X								L	P	2.0	2-4	silty/clayey sand, moist
4.0		3-4.5	mst brown gray	pliable									\			X				MH	M	1.5	4-6	silty clay, VSM
7.0		4.5-7.0	" "	stiff										X				3.2		L	M	[illegible]	6-8	silty clay VSM
8.5 to 9		7-8.5	mst brown	mod stiff									X							L	P	6.1	8-10	clayey silty fine sand moist
11.5 to 16		8.5-16	gray brown	mod soft							X		X							L	P	1.1	10-12	clayey silty sand, moist
18		16-18	" red brown	mod soft												X				M/H	P	1.2	12-14	silty to silty clay w/ sand lens moist
20.5		18-20.5	red brown	stiff													X			H	M	1.2	14-16	clay w/ silty sand lens moist
22		20.5-22	" "	soft							X									L	M	6.9	16-18	silty sand, wet
27.5		22-33.5	" "	stiff													X			MH	M	1.0	18-20	clay, VSM
32		23.5-32	" "	soft							X									L	M	1.5	20-22	silty sand, wet
		32-35	" " gray	stiff													X			MH	M	3.8	22-24	clay, VSM/dry
																						3.4	24-26	
																						5.9	26-28	
																						2.8	28-30	
																						2.6	30-32	
																						1.0	32-34	
																						1.8	34-36	

Boring Log Field

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/24/13

Boring #: IWW-19

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
2.5		0-2.5	lt brown	soft						X										L	P	1.1	0-2	sand full w/ gravel, moist
4.5		2.5-4.5	red brown	soft							X									L	M	1.4	2-4	silty sand, moist
8.0		4.5-8	mustbrown/yellow	stiff									X							L	P	1.1	4-6	clayey silt w/ fine sand, moist SM
10.5		8-10.5	gray	"									X							L	P	1.5	6-8	silty clay w/ fine sand, SM
12		10.5-12	red brown	mod stiff			X						X							L	P	1.4	8-10	gravel sand silt + clay SM
12-13		12-13	" "	stiff										X						L	M	1.2	10-12	silty clay, VSM
16.5		13-16.5	" "	mod soft								X								L	P	0.8	12-14	clayey sand, SM to [illegible]
18.5		16.5-18.5	" "	stiff										X						L	M	0.8	14-16	silty clay, VSM
20		18.5-20	" " to gray	mod soft									X							L	P	0.9	16-18	clayey sandy silt, moist
23		20-23	red brown	soft							X									L	M	1.0	18-20	silty sand, wet
23.5		23-23.5	" " green	stiff									X							L	M	0.6	20-22	silty clay w/ sand, SM
34		23.5-30	red brown	soft							X	X								L	P	3.6	22-24	silty sand w/ some clay, wet
[illegible]		30-30.5	red brown gray	stiff										X			X			M/H	M	6.4	24-26	clay, VSM
33.5		30.5-33.5	red brown	stiff													X			M/H	M	3.0	26-28	clay, VSM
35		35	" "	"										X						M	M	4.2	28-30	clay, VSM
																						0.7	30-32	
																						1.0	32-34	
																						1.1	34-36	

Boring Log Field S

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/24/13

Boring #: IWW-18

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
0-2.5		0-2.5	lt brown	soft						X										L	P	1.6	0-2	sand fill w/ gravel M
6		2.5-6	red brown	med soft							X									L	P	3.8	2-4	silty sand, moist
6.5		6-6.5	rust brown/yellow	stiff									X							L	M	3.9*	4-6	~~silty~~ / clayey silt moist
7		6.5-7	" "	"									X							L	W	4.9*	6-8	silt, wet
10		7-10	" "	"									X							L	P	8.1*	8-10	clayey silt w/ fine sand, moist
11		10-11	gray	pliable													X			H	W	9.7*	10-12	clay, VSM
13		11-13	brown	"												X				H	P	2.9	12-14	clayey silt & sand, VSM
14		13-14	red brown	"												X				MH	P	3.0	14-16	silt, sand clay mix, SM
19		14-19	" " to brown	pliable/to soft							X	X				X				L/MH	P	3.7	16-18	clay in wet around sand
19.5		19-19.5	red brown	stiff										X						L	M	3.1	18-20	silty clay VSM
20		19.5-20	" "	soft							X									L	M	3.1	20-22	silty sand, wet w/ clay [illegible]
21.5		20-21.5	red brown	stiff									X							L	P	2.2	22-24	sandy clay, VSM to moist
32	32	21.5-32	"	soft							X	X								L	P	3.1	24-26	silty sand w/ clay sand @ 4-4.5 6-6 wc
33	32-	33	gray	"							X	X								L	P	3.5	26-28	silty sand wet
		33-34	red brown/gray	stiff													X			MH	M	5.4	28-30	clay VSM
		34-35	red brown	"													X			MH	M	6.6	30-32	" VSM
																					4.8	5.8	32-34	
																						4.8	34-36	
																						2.6		

* condensation

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/30/13

Boring #: IWW-14

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) Ord bkg	PID Depth	Remarks
2.5		0-2.5	lt brown	soft						X										L	P	0.6	0-2	silty sand fn, moist, SM
4.5		2.5-4.5	pest brown	soft							X									L	M	0.8	2-4	silty sand, moist/wet
8		4.5-8	brown gray	stiff										X						L	M	1.4	4-6	silty clay, vsm
10		8-10	brown	"										X						L	M	0.6	6-8	" " "
12		10-12	gray brown	pliable													X			H	W	0.9	8-10	clay vsm
17		12-17	red brown	stiff									X							L/M	P	0.8	10-12	~~silty sandy~~ sandy silty clay vsm
19		17-19	red brown to gray	mod soft							X	X								L	P	1.1	12-14	silty to clayey sand, moist/wet
20		19-20	red brown	stiff										X						L	M	1.4	14-16	silty clay, vsm
21.5		20-21.5	gray brown	mod soft								X								L	P	2.4	16-18	clayey sand, moist
22		21.5-22	red brown	stiff										X						L	M	1.4	18-20	silty ~~sand~~ clay, vsm
27		22-27	reddish gray	mod soft							X	X								L	P	1.5	20-22	silty sand w/ clay, wet
28.5		27-28.5	~~clayey sand~~ "	mod soft								X								L	P	3.4	22-24	clayey sand, wet
32.5		28.5-32.5	" "	soft							X	X								L	P	5.9	24-26	silty sand w/ clayey sand 24-24.5
35		32.5-35	red brown w/ gray	stiff										X		X				M/H	M	3.9	26-28	clay some silt, more plastic
																						5.4	28-30	below 34.
																						18.8	30-32	
																						5.7	32-34	
																						1.3	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 9/30/13

Boring #: IWW-13

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
2.5		0-2.5	lt brown	soft						X										L	P	0.4	0-2	sand fill w/ gravel, SM
5.5		2.5-5.5	~~red~~ rust brown	soft							X									L	M	1.9	2-4	silty sand, moist
6		5.5-6	" "	friable									X							L	P	1.5	4-6	silty sandy clay, USM
7.5		6-7.5	" "	stiff										X						L	M	1.5	6-8	silty clay, USM
10		7.5-10	rust brown to gray	pliable													X			M/H	M	1.2	8-10	clay to silty clay, USM
10.5		10-10.5	gray	soft							X									L	M	1.3	10-12	silty clay, moist
11.5		10.5-11.5	"	pliable													X			M/H	W	1.7	12-14	clay, USM
12		11.5-12	" red brown	pliable												X				M/H	P	0.7	14-16	plastic clay w/ silt to gravel, SM
13.5		12-13.5	red brown	pliable												X				M/L	P	1.1	16-18	sandy silty clay, USM
14		13.5-14	red brown	"													X			M/H	P	1.9	18-20	clay, USM
18		14-18	red brown clay, gray sand	pliable to soft							X	X					X			L	P	1.3	20-22	mixed plastic clay, USM w/ gray ~~sandy~~ clay, silty sand
20		18-20	" "	soft							X									L	M	3.1	22-24	silty sand, wet, moist
20.5		20-20.5	reddish brown gray	soft								X								L	P	1.5	24-26	clayey sand, wet
23.5		20.5-23.5	" " "	soft							X									L	M	2.2	26-28	silty sand, wet
24		23.5-24	" " "	stiff								X	X			X				L	P	5.5	28-30	silty sandy clay, SM
26		24-26	" "	soft							X									L	M	11.4	30-32	silty sand, wet
26.5		26-26.5	" "	stiff												X				L	P	7.4	32-34	silty sandy clay, SM
28.5		26.5-28.5	" "	soft							X	X								L	P	1.1	34-36	silty clayey sand, wet
29.5		28.5-29.5	" "	stiff								X	X							L	P			silty sandy clay, SM
31		29.5-31	rust brown	soft							X									L	M			silty sand, wet
32.5		31-32.5	gray	soft							X									L	M			silty sand, wet
35		32.5-35	red brown/gray	pliable													X							clay, USM

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 10/1/13

Boring #: IWW-17

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks (w/ <5% gravel)
3		0-3	lt brown	soft						X										L	P	0.7	0-2	Sand fine(1) w/ gravel
6.5		3-6.5	mist brown	soft							X									L	M	0.6	2-4	Silty sand, moist + wet
10		6.5-10	wet "	med stiff										X			X			L	M	1.3	4-6	Silty clay, SW
12		10-12	grey	plastic												X				H	P	1.5	6-8	silty clay w/ gravel, VSW
16		12-16	reddish brown	med stiff									X							M	P	1.6	8-10	silty sand clay mix VSW
18.5		16-18.5	" "	med soft								X								L	P	2.2	10-12	clayey sand, SW
20.5		18.5-20.5	" "	med stiff									X							L	P	1.8	12-14	silty sandy clay VSW
21		20.5-21	" "	med soft								X								L	P	1.8	14-16	clayey sand, SW
22		21-22	" "	med stiff									X							L	P	2.5	16-18	silty sandy clay, VSW
24		22-24	" "	soft							X									L	P	2.2	18-20	silty sand, wet
24.5		24-24.5	" "	med stiff								X	X							L	M	2.4	20-22	silty sandy clay, VSW
25.5		24.5-25.5	" "	med soft							X									L	P	4.2	22-24	silty sand, wet to moist
26		25.5-26	" "	med stiff									X							L	P	5.3	24-26	silty sandy clay, VSW
32.5		26-32.5	" grey/brown	med soft							X									L	P	6.6	26-28	silty sand, wet w/ clay lenses
35		32.5-35	red brown	v stiff													X			M/H	M	5.6	28-30	clay to silty clay
			↑ green mottled 34'																			2.6	30-32	
																						3.8	32-34	
			TD 1067																			2.6	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 10/1

Boring #: IWW-12

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) 0.2	PID Depth	Remarks
2.5		0-2.5	lt brown	soft						X										L	P	1.6	0-2	Sandy fill/gravel, SLM
3.0		2.5-3	rust brown	plinkt												X				M/H	P	1.4	2-4	sand/clay, SLM
3.5		3-3.5	"	soft					X											L	W	2.3	4-6	Sand, moist
4.5		3.5-4.5	"	soft							X									L	M	1.9	6-8	silty sand, moist
5.0		4.5-5	orange brown	stiff									X							L	P	2.1	8-10	silty sandy clay VSLM
6.5		5-6.5	rust brown/gray	stiff/brown									X							L	M	1.4	10-12	silty clay, VSLM
8		6.5-8	" " "	stiff									X							L	M	2.6	12-14	silty clay, VSLM
10		8-10	rust brown	pliable													X			M/H	W	1.4	14-16	clay, VSLM
10.5		10-10.5	gray	"													X			M/H	W	2.4	16-18	" "
12.5		10.5-12.5	"	stiff										X						L	W	1.4	18-20	" "
13.5		12.5-13.5	"	pliable												X				M/H	P	1.1	20-22	clay w/ gravel, SLM
16.5		13.5-16.5	red brown	stiff									X							L	P	1.3	22-24	silty sandy clay, VSLM
17		16.5-17	" "	pliable												X				M/H	M	1.9	24-26	silty clay, VSLM
19		17-19	" "	mod soft								X								L	P	1.8	26-28	clayey sand, moist
20.5		19-20.5	" "	pliable									X							L	P	1.6	28-30	sandy clay, SLM
22		20.5-22	red brown gray	mod soft								X								L	P	2.0	30-32	clayey sand, moist
30		22-30	red brown	stiff									X							L	P	3.3	32-34	sandy clay, VSLM
33.5		30-33.5	red brown gray	mod soft							X	X								L	P	2.4	34-36	silty clayey sand, wet
35		33-35	red brown	stiff													X			L/M	M			silty clay, VSLM

clay w/ sand lenses @ 25-25.5 & 29-29.5

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 10/2/13

0750 start

Boring #: IWW-16

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm) B14 0.1	PID Depth	Remarks
3		0-3.	Lt. brown	soft						X										L	P	0.6	0-2	sand fill w/ gravel, SW
3.5		3-3.5	brown	pliable									X							M/H	P	0.8	2-4	sandy clay, M
9.5		3.5-9.5	med brown	soft							X	X								L	P	1.9	4-6	silty sand w/ clay, moist to wet
10		9.5-10	" "	stiff									X							L	P	1.4	6-8	sandy clay, moist
12.5		10-12.5	gray brown	pliable													X			M/H	M	1.6	8-10	clay w/ some silt, VSW
13.5		12.5-13.5	" "	"												X				M/H	P	1.8	10-12	clay w/ some silt, gravel, SW
14		13.5-14	red brown	stiff										X						L	M	2.1	12-14	silty clay VSW
16.5		14-16.5	" " / gray	med stiff								X	X							L	P	3.0	14-16	clayey sand to sand, clay, SW
25		16.5-25	red brown gray	stiff									X							L	P	2.4	16-18	sandy silty clay, VSW
27.5		25-27.5	reddish gray	med stiff to stiff								X								L	P	2.9	18-20	clayey sand, moist
28.5		27.5-28.5	" "	stiff									X							L	P	1.8	20-22	sandy silty clay, VSW
33.5		28.5-33.5	gray	soft							X									L	M	2.3	22-24	silty sand, moist to wet
35		33.5-35	red brown to gray	pliable													X			M/H	W	5.6	24-26	clay, VSW
																						1.1	26-28	
																						7.1	28-30	
																						5.0	30-32	
																						3.5	32-34	
																						3.2	34-36	

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 10/2/13

Boring #: SEMW - 2I

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: Gravels: well graded gravel (GW)	Gravels: poorly graded gravel (GP)	Gravels: Gravel/sand/silt mix (GM)	Gravels: Clayey gravel (GC)	Sands: well graded sand (SW)	Sands: poorly graded sand (SP)	Sands: Silty sand (SM)	Sands: Clayey sand (SC)	Low Plasticity: Inorganic clay/silt/sand (ML)	Low Plasticity: Inorg. clays, low-med plastic (CL)	Low Plasticity: Org silt/clay low plastic (OL)	High Plasticity: Inorg. silt/sand elastic (MH)	High Plasticity: Inorg. Clay, high plastic (CH)	High Plasticity: Org. clay med/high plastic (OH)	Peat/highly organic (Pt)	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
1		0-1	Dark brown	med.											X					L	P	2.4	0-2	soil, SM
2		0-2	rusty brown	stiff									X	X						M	M	2.9	2-4	~~silty~~ silty clay to clay, USM
3		2-3	" "	mod stiff									X							L	P	4.4	4-6	sandy clay, USM
4		3-4	red brown	soft								X								L	P	5.7	6-8	clayey sand moist
5.5		4-5.5	rust brown/N	soft							X									L	M	5.3	8-10	silty sandy wet
7		5.5-7	reddish brown	stiff									X							L	M	2.7	10-12	clayey silt, USM
7.5		7-7.5	red brown	soft							X									L	M	2.8	12-14	silty sand, wet
9		7.5-9	rust brown	stiff										X						L	W	3.6	14-16	clay, USM
12.5		9-12.5	rust brown/gray	pliable									X	X						M	W	3.4	16-18	clay to silty clay, USM
14		12.5-14	red brown	"												X				M/L	M	3.2	18-20	clay to silty clay, USM
17.5		14-17.5	reddish gray	pliable									X							M/L	P	5.2	20-22	sandy clay, SM to moist
18		17.5-18	" "	soft								X								L	P	6.3	22-24	clayey sandy moist
19.5		18-19.5	" "	pliable									X							M/L	P	10.0	24-26	sandy clay, SM
20.5		19.5-20.5	red brown	"													X			M/L	W	5.4	26-28	clay
22		20.5-22	brown to gray	pliable to soft								X					X			L/L	P	9.0	28-30	clay to lean, SM wet
24		22-24	red brown to gray	pliable									X							L	P		30-32	~~sandy~~ clay, SM
27.5		24-27.5	brown to gray	pliable to soft								X					X			L/L	P		32-34	clay, Jackie
30		27.5-30	gray brown	soft							X									L	M		34-36	silty sand wet

Boring Log Field Sheet

Project Name & Number: GW Remediation 112IC04769

Geologist: W. O'Niell

Driller: Larry Hunsberger

Drilling Co: Cascade

Date: 10/2/13

Boring #: SEMW-II

Boring Depth (ft)	Recovered (Ft)	Interval (ft)	Color	Density/rock hardness	USCS: GW	GP	GM	GC	SW	SP	SM	SC	ML	CL	OL	MH	CH	OH	Pt	Plasticity, H, M, L	Sorting	PID/FID (ppm)	PID Depth	Remarks
1		0-1	lt brown	soft						X										L	P	1.9	0-2	sand fill w gravel, silt
1.5		1-1.5	rust brown	stiff									X							L	P	2.4	2-4	sandy silty clay / silty
5.5		1.5-5.5	" "	soft							X	X								L	P	3.0	4-6	silty sand, [illegible]
8		5.5-8	orange brown	stiff/soft									X	X						L	P	3.4	6-8	silty clay, USCS
10		8-10	brown	plastic													X			MH	M	1.9	8-10	clay, USCS
11		11-12	"	"												X				M/H	P	2.4	10-12	clay w gravel, USCS
14		12-14	red brown	stiff									X							L	P	2.3	12-14	silty sandy clay USCS
15		14-15	"	Jacket								X					X			M/H	P	2.3	14-16	clay, silty sandy clay
17		15-17	red brown	stiff									X							L	M	2.2	16-18	silty sandy clay USCS
20		17-20	Jacket																			2.3	18-20	
21		20-21	silty sand RB	soft							X											2.0	20-22	red brown silty sand wet
23.5		21-23.5	red brown										X									2.4	22-24	sandy clay wet
		23.5-24	silty sand																			5.3	24-26	
		24-24.5	sandy clay																			4.1	26-28	
		24.5-28	silty sand																			2.5	28-30	
		28-30	sandy clay																				30-32	
																							32-34	
																							34-36	

APPENDIX L—CURRENT CONDITIONS MEMO

Middle River Complex Groundwater Remediation
Current Conditions and Path Forward based on UST Discovery in Block E
December 13, 2013

Background

In July 2013, during installation of the groundwater remediation system in Block E at the Middle River Complex, two underground storage tanks (USTs) were discovered. The location of these tanks is shown in Figure 1. Following removal of the USTs, a soil and groundwater delineation program showed that substantial trichloroethene (TCE) contamination was present in the vicinity of UST 2. It was determined that the groundwater remediation system, as designed, may not adequately address this additional contamination. Therefore, certain portions of the Block E groundwater remediation system remain incomplete awaiting design and implementation of the additional remedy. This memo was developed in order to detail the current state of the remediation system installation and outline future activities as they deviate from the original plan and scope of the groundwater remediation based on the approved Response Action Plan.

Activities Completed

Figure 2 shows the elements of the groundwater remediation system in Block E. The following activities have been completed:

- All soil excavation activities have been completed.
- Installation of all monitoring wells and 18 of 24 injection wells. Wells IWE-7 through IWE-12 have not been installed due to their proximity to the USTs.
- The trenching has been completed to all wells south of the USTs (IWE-13 to IWE-24) and the Pump House; this includes the installation of all injection piping, contingency conduit, power conduit, and the potable water line. The final potable water and electrical connections have not been made. This piping has been terminated approximately 10 feet south of UST 2; the piping has been coiled and wrapped in plastic at this location.
- The trenching has been completed to the northern most trench (IWE-1 through IWE-6) and the injection piping has been installed. This piping has also been run to their final location.
- The shipping container containing one of the 2 mixing/injection systems has been placed in Block E.
- All areas have been backfilled to the surface:
    - Surface restoration has been completed south of the USTs with the placement of fill, top soil, mulch, and hydroseed.
    - Surface restoration has been completed in the area north of the USTs with fill and crushed stone at the surface (these areas are within the footprint of the Building D foundation).
    - The area of the trench containing the USTs has been completed to the surface with crushed stone.

Note: based on the delays at Block E, it has been decided that the shipping container system currently placed in Block E will be moved to Block I for use prior to its move back to Block E. This means that there would be two container moves required to complete the scope; only one is included in the original proposal.

Activities Associated with the Original System Design that have not been Completed

The following activities have not been completed:

- Installation of injection wells IWE-7 through IWE-12.

- Installation of injection piping to these wells; this will require trenching through the previously placed fill (not soil).
- Running the injection piping, conduit, and potable water lines from the south, past the UST trench, to the location of the system container; this will require trenching through previously placed fill.
- Final connections to the shipping container system.
- Potable water and electrical connections to the Pump House.

Path Forward

As stated, due to the delays in Block E, the injection will proceed in Block I initially. During this period, the following activities will take place.

- Minor additional delineation in Block E.
- Completion of an alternatives analysis memo for the additional remediation; based on the team decision, this will involve a multi-phase extraction component followed by enhanced source bioremediation.
- Design of the additional remedy.
- Mobilization of a roto-sonic drill crew to install the wells associated with the additional remediation, any additional monitoring wells, and the six remaining groundwater remediation wells.
- Installation and operation of the additional remedy.
- Re-mobilization of the construction subcontractor for installation of underground piping associated with the additional source area injection and completion of the installation of the groundwater remediation system component piping. This will require excavation and backfill of previously excavated areas, including those with significant water infiltration issues.
- Termination of injection piping, contingency conduit, electrical conduit, and potable water lines at the system location.
- Final potable water and electrical connections.
- Re-placement of the shipping container system in Block E and final system connections.

Cost Considerations

Costs will be incurred for the following items based on the adjustments made following the discovery of the USTs. Note this list includes only those items required for the completion of the groundwater treatment system and not those for UST removal, delineation, or source area treatment.

- Termination of piping and securing of the piping remaining above grade (Tetra Tech and subcontractor labor plus minimal materials). This is completed.
- One additional movement of the shipping container system (truck and crane mobilization plus labor).
- Re-mobilization of the roto-sonic drilling crew and Tetra Tech geologist (the installation costs of the six wells are included in the original scope). This will be completed in conjunction with the installation of the wells associated with the additional remediation.
- Re-mobilization of the construction subcontractor (equipment and crew) and the Tetra Tech construction manager. This will also require additional costs for the small number of remaining wells/piping to be completed; e.g., the limited number of well vaults to be concreted in place may preclude the economical use of a concrete truck and will require hand mixing and placement.

- Installation of the injection piping in the UST trench may require some dewatering and water disposal based on the water present beneath the Building D slab and the French drain systems in this area.
- Storage of materials for the remaining six wells (well vaults, well head piping, injection piping, etc); it is likely that the storage will be at the Martin State Airport facility at no cost, but it will require placement and retrieval. This could be considered part of the mobilization.
- Maintenance and/or re-establishment of E&S controls.
- Re-establishment of utility mark-outs.
- Completion of surface restoration; additional costs for spreading of top soil and compost and hydroseeding. These are costs associated with remobilizing equipment and subcontractors.
- There will likely be surplus crushed stone as this will be replaced in the top 6" by top soil and seeding in the UST area trench. The disposition of this stone will be an additional cost.

As much as possible, these costs will be minimized based on the final design/construction of the additional remediation.

Schedule Considerations

Upon approval of the remedy by Lockheed Martin, Tetra Tech will provide a detailed schedule of the additional remediation activities. In general, considering the time required for design, permitting, MDE approval, and equipment procurement, the system start up will occur in approximately May 2014. Operation would continue until September 2014. Following this, it will take approximately one month to mobilize and complete the installation of the groundwater system, including trenching four additional injection wells, ending in October 2014.

As stated above, the tracer testing and injection will now occur in Block I instead of Block E. The schedule calls for the tracer test to begin in mid-February. These injections will require approximately 8 weeks for a mid-April completion. In order to facilitate post-tracer injection testing and develop optimized injection protocols, there is a period of approximately three months between the completion of tracer injection and substrate injection. Substrate injection in Block I will also require 8 weeks. Therefore, the injections will end in September 2014.

Therefore, the system will be available from Block I in September 2014 with Block E activities ending in October 2014. Noting that the schedule for the Block E work has not yet been completely established, we expect a delay of approximately one month in the overall project schedule.

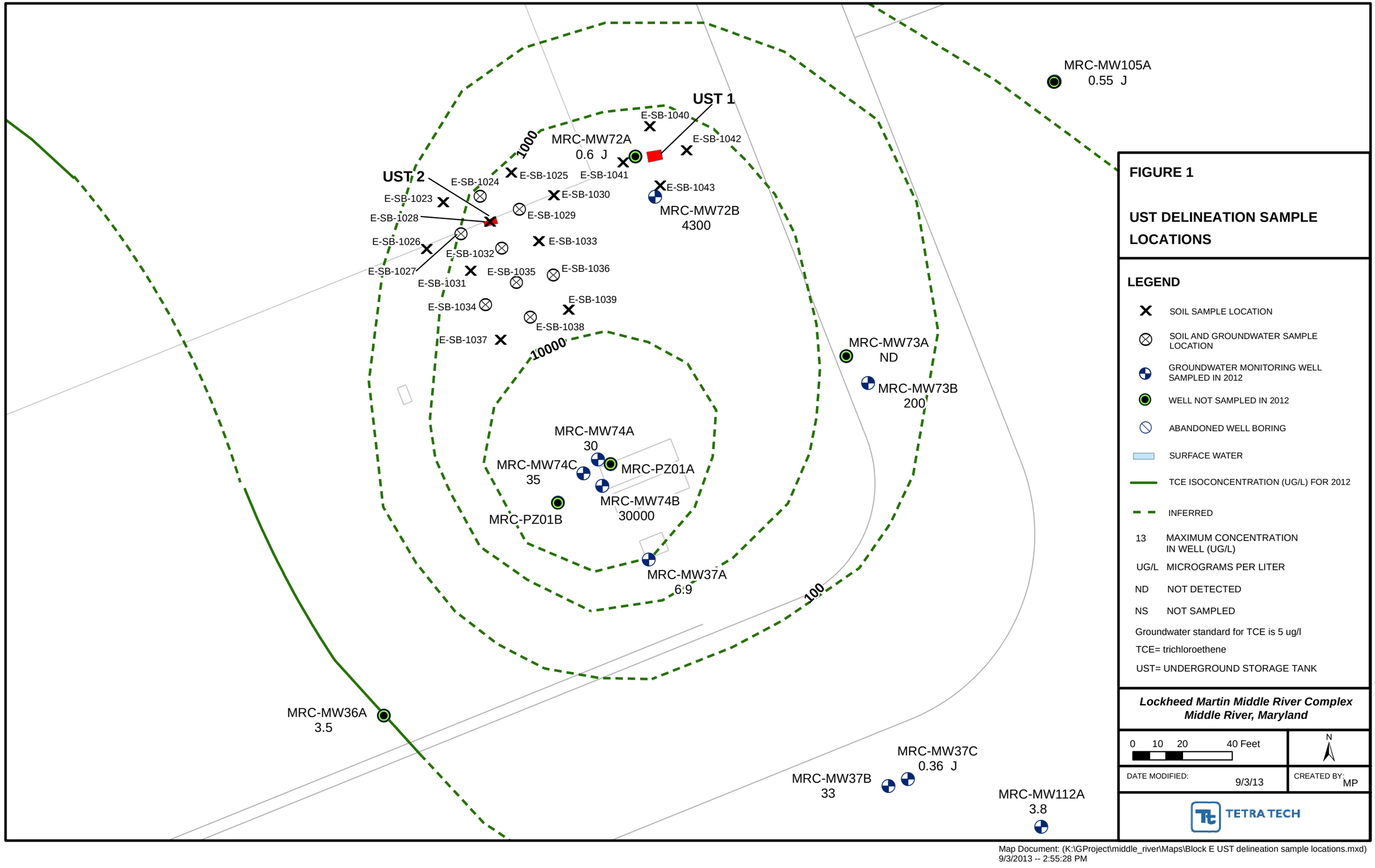


FIGURE 1

UST DELINEATION SAMPLE LOCATIONS

LEGEND

- SOIL SAMPLE LOCATION
- SOIL AND GROUNDWATER SAMPLE LOCATION
- GROUNDWATER MONITORING WELL SAMPLED IN 2012
- WELL NOT SAMPLED IN 2012
- ABANDONED WELL BORING
- SURFACE WATER
- TCE ISOCONCENTRATION (UG/L) FOR 2012
- INFERRED
- 13 MAXIMUM CONCENTRATION IN WELL (UG/L)
- UG/L MICROGRAMS PER LITER
- ND NOT DETECTED
- NS NOT SAMPLED

Groundwater standard for TCE is 5 ug/l

TCE= trichloroethene

UST= UNDERGROUND STORAGE TANK

Lockheed Martin Middle River Complex
Middle River, Maryland

0 10 20 40 Feet

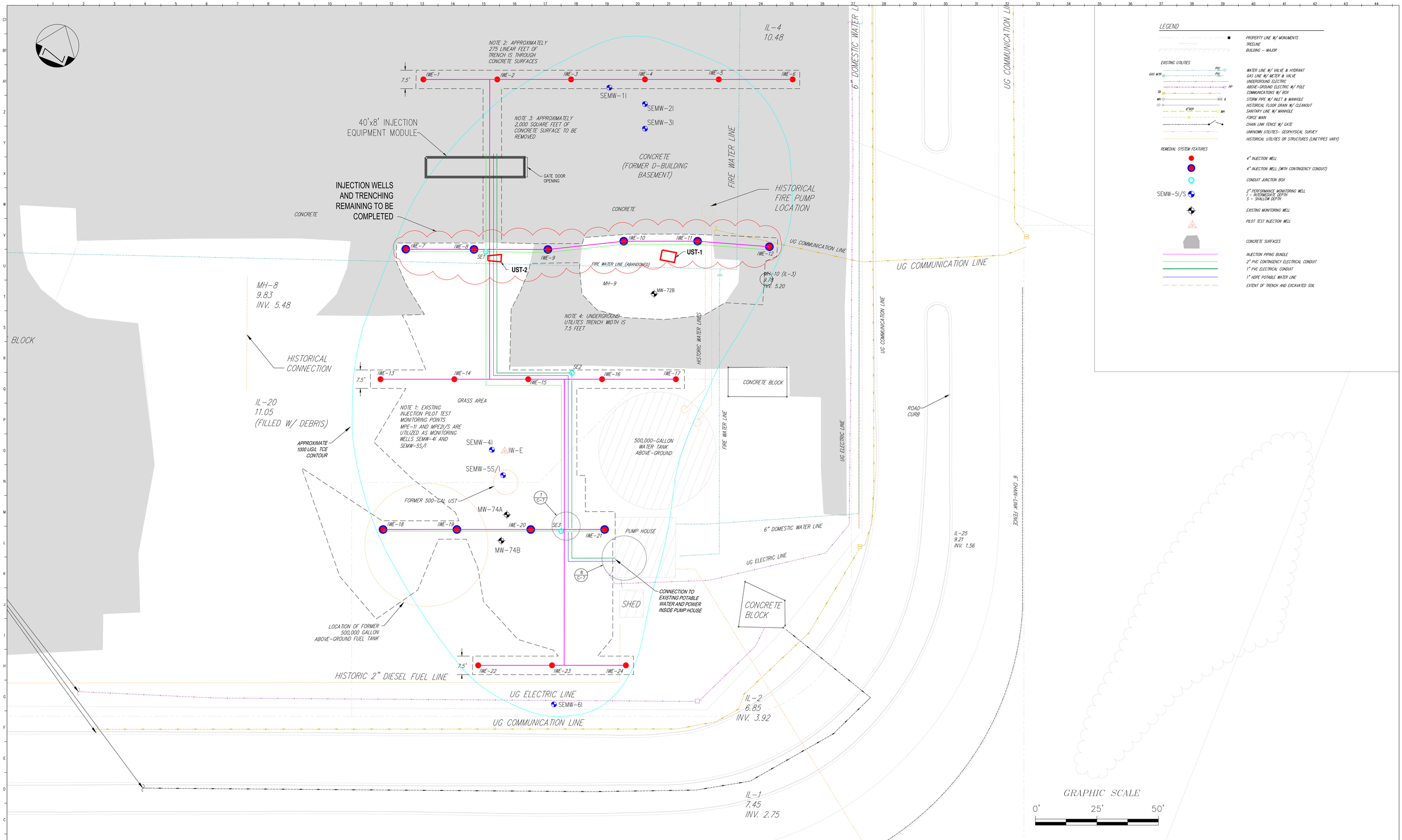
N

DATE MODIFIED: 9/3/13

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\Block E UST delineation sample locations.mxd)
9/3/2013 -- 2:55:28 PM



REFERENCE PLANS & DATA:

1. UTILITY CROSS CONNECTION SURVEY PERFORMED BY TETRA TECH CREW: RAB & AN, DATED 10/6,10/10 & 10/11/2011
2. SURVEYED LOCATIONS OF UNDERGROUND ELECTRIC, WATER, COMMUNICATION LINES, ARE BASED ON GEOPHYSICAL SURVEYS CONDUCTED BY ENVIROSCAN, INC. LANCASTER, PA, AND UNKNOWN FEATURES.
3. SEWER PIPE CCTV REPORTS PREPARED BY VIDEO PIPE SERVICES, INC. DATED 9/26 & 10/12/2011
4. BLOCK G TOPOGRAPHIC SURVEY UPDATE PREPARED BY TETRA TECH CREW: RAB & AN, DATED: 06/07 & 06/08/2011
5. PRE-CONSTRUCTION SURVEY OF STORM DRAIN LINES FOR BLOCK E PREPARED BY TETRA TECH CREW: RAB & AN, DATED 08/15 & 08/16/ 2011.
6. BACKGROUND BASEMAP AND PROPERTY LINES ARE FROM CHESAPEAKE PARK SITE PLAN - LMC PROPERTIES, INC PREPARED BY TAI CONSULTING ENGINEERS, DATED 4/15/01. BACKGROUND DATA IS NOT FIELD VERIFIED AND FOR REFERENCE ONLY.

TETRA TECH

www.tetratech.com

MARK	DATE	DESCRIPTION	BY

SOUTHEAST TCE AREA REMEDY LAYOUT
100% GROUNDWATER REMEDIAL DESIGN – FINAL

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	12/12/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH E
DRAWN BY:	DWM
CHECKED BY:	BD

COPYRIGHT TETRA TECH INC.

FIGURE 2

C:\USERS\BORIS.DYNKIN\DOCUMENTS\LMC MRC\CONSTRUCTION\SE MOTHBALL.DWG DWM 12/12/13

APPENDIX M—BLOCK G SWALE AS-BUILT DRAWING

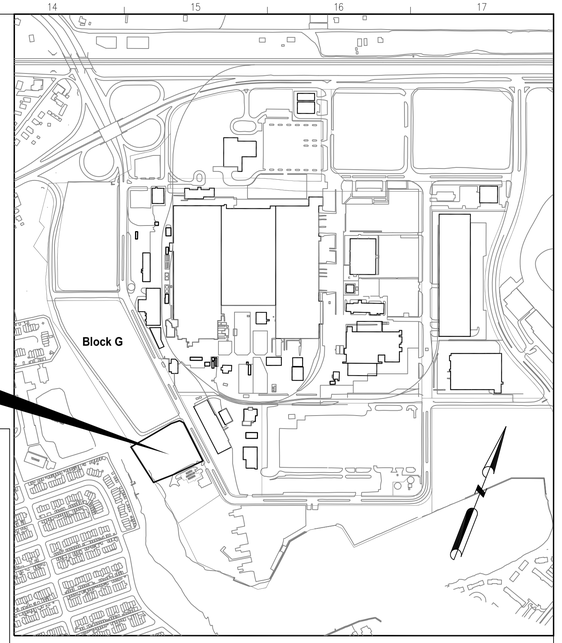
TETRA TECH
240 Continental Drive, Suite 200
Newark, Delaware 19713
302 738-7551 302 454-5988 fax

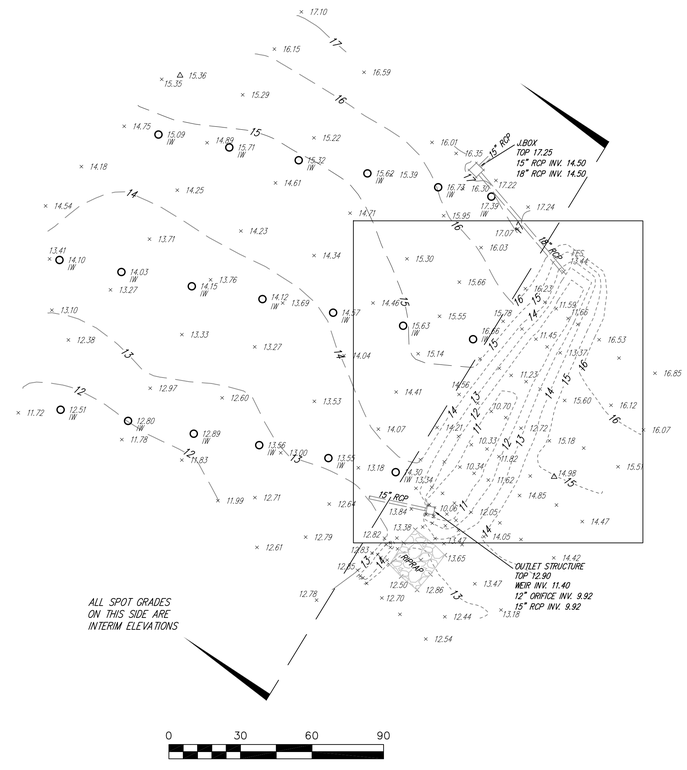
BLOCK G SWALE RELOCATION AS-BUILT

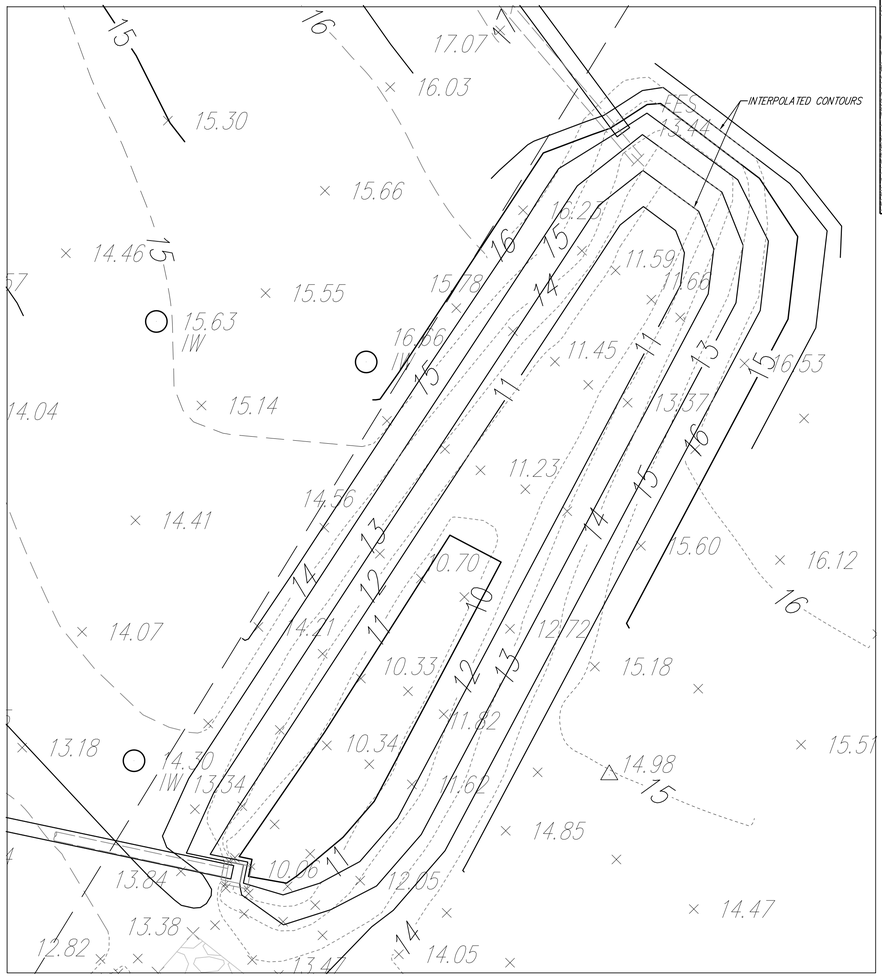
CLIENT: TETRA TECH INTERNAL - GERMANTOWN OFFICE
TT PROJECT NO.: 103IC257107
DRAWN: YL - 11-12-2013
CREW: RB - 11-11-2013
HORIZ. DATUM: MARYLAND STATE PLANE 1983
VERT. DATUM: NAVD 88
SCALE: 1"=30'
FILE: S:\03-Projects\Commercial\LMC\112IC04769-MRC-Soil-Remed\Drawing\BlockG_SWM_As-Built.dwg
S:\03-Projects\Commercial\LMC\112IC04769-MRC-Soil-Remed\Data\MRC_TOPO FILES\BLOCK G\ASBUILT STORMWATER POND_ BLOCK G.crd

EXISTING LEGEND

- 15.36 — SURVEY TRAVERSE POINT
- 12.89 IW — INJECTION WELL TOP (FINAL)
- 15.87 — GROUND SHOT
- STORM SEWER
- 15 — MAJOR CONTOUR (5')
- 14 — MINOR CONTOUR (1')
- 15 — INTERIM GROUND (FINAL GRADE WILL BE RAISED BY 0.5' WITH TOPSOIL)
- 15 — INTERIM MAJOR CONTOUR (5')
- 14 — INTERIM MINOR CONTOUR (1')
- 15 — MAJOR CONTOUR (5') AS PER DESIGN
- 14 — MINOR CONTOUR (1') AS PER DESIGN







DESIGN VS. AS-BUILT COMPARISON

0 10 20 30

	DESIGN	AS-BUILT
BOTTOM ELEVATION [FT]	9.5	10.0
OUTLET TOP [FT]	12.5	12.9
SPILLWAY CREST [FT]	12.5	13.4
VOLUME [CF]	6,323	3,409

TETRA TECH
www.tetratech.com
COPYRIGHT TETRA TECH INC.

ISSUED FOR INTERNAL REVIEW 11/13/2013

MARK	DATE	DESCRIPTION	BY

BLOCK G SWALE RELOCATION AS-BUILT SURVEY
LOCKHEED MARTIN MIDDLE RIVER COMPLEX
MIDDLE RIVER, MARYLAND

DATE:	11/13/2013
PROJECT NO.:	103P25107
SURVEYED BY:	RAB
DRAWN BY:	YL
CHECKED BY:	CSG
SHEET:	

V - 05.01

APPENDIX N—ROAD CROSSING PERMIT INFORMATION

Baltimore County Government
Department of Permits, Approvals and Inspections

111 West Chesapeake Ave.
Towson, MD 21204

(410) 887-3321
(410) 887-2877 (fax)

March 25, 2014

Tetra Tech, Inc.
240 Continental Drive, Suite 200
Newark, Delaware 19713
Attn: Ken Jeffrey

RE: Lockheed Martin GW Remediation
Agreement No. 14021RAO

Dear Mr. Jeffrey:

Please find attached the right-of-way agreement and closeout information for your client.

Should you require additional information, please contact me at (410) 887-3321.

Sincerely,

Jan M. Cook
Project Manager

JMC:jmc
Enclosure

Baltimore County Government
Department of Permits, Approvals and Inspections

111 West Chesapeake Ave.
Towson, MD 21204

(410) 887-3321
(410) 887-2877 (fax)

March 25, 2014

Lockheed Martin Corporation
c/o LMC Properties, Inc.
100 S. Charles Street, Suite 1400
Baltimore, MD 21201
Attn: Ms. Theresa B. Shea

RE: Lockheed Martin GW Remediation
Agreement No. 14021RAO
Job Order No. 210-205-5286
Drawing No. N/A
District 15C6
PDM No. N/A

Dear Ms. Shea:

This office has received the following items with regard to construction of sewer and water improvements at the referenced site:

1. Agreement number 14021RAO, an executed copy of which is enclosed,

2. A check in the amount of $624.96 for inspection fees. This amount represents 8% of the approved estimated cost of improvements.

3. A check in the amount $8,593.00 of for security deposit.

This project is covered by the above referenced Baltimore County construction drawing and construction shall be as approved by Baltimore County on this drawing. Operations shall not begin until the Division of Construction Contracts Administration (DCCA) has been notified. Your contractor is hereby advised to call the DCCA at (410) 887-3531 for issuance of a Notice to Proceed.

Please be advised that prior to the return of the security you must:

1. Prepare and submit as-built construction drawings. Notify your engineer as soon as the improvements covered by this agreement are complete.
2. Complete a one-year maintenance period to the satisfaction of Baltimore County;
3. Provide any required deeds to Baltimore County for easements or rights-of-way. PLEASE SEE THE ATTACHED DOCUMENTS RELATED TO THE PREPARATION OF DEEDS.

Should you require additional information, please call Jan M. Cook at (410) 887-3321.

Sincerely,

Colleen M. Kelly
Development Manager

CMK:jmc
Enclosure

c: Gradeline Construction Company, Inc.
Kicas, Kennedy, File

BALTIMORE COUNTY

DEPARTMENT OF PERMITS APPROVALS AND INSPECTIONS

RIGHT-OF-WAY IMPROVEMENT AGREEMENT

for projects not requiring a public works agreement

Project Name: Lockheed Martin GW Remediation **RA No.** 14021RAO
PAI No.:
Job Order No.: 210-205-5286 **DATE:** 2/28/14
Plat Reference(s): 51/43
Total Estimated Cost: 7,812.00
Security Required: $ 8,953.00
NAME OF APPLICANT: Lockheed Martin Corporation

WHEREAS, the named Applicant desires to construct and install, at no cost to the County, all of the improvements located within the referenced project, the same being more fully outlined in Exhibit A which is attached hereto and made a part hereof,

WHEREAS, in accordance with the applicable provisions of the Baltimore County Code and Department of Permits Approvals and Inspections (PAI) Construction Policy Manual, PAI has this received and approved the cost estimates and construction drawings for the improvements covered in right-of-way agreement. PAI has also received all fees applicable to the improvements covered by this right-of-way improvement agreement.

WHEREAS, the Applicant is requesting authorization to proceed with construction of improvements covered herein.

NOW THEREFORE, in consideration of the foregoing and in order to obtain the County's approval for the Applicant to proceed with construction of the improvements, the Applicant confirms its understandings and obligations as follows:

1. With respect to the improvements covered by this right-of-way improvement agreement:

a. The Applicant shall install at its own expense all facilities in said property as shown on the approved construction drawings referenced herein.

b. The Applicant shall perform all work covered by this right-of-way improvement agreement in accordance with the provisions of the PAI Construction Policy Manual and the Department of Public Works (DPW) Standard Specifications and Details for Construction.

c. All work shown on the approved construction drawings shall be performed by a prequalified Baltimore County contractor.

d. Prior to beginning any work covered by this Agreement, the Applicant shall:

1. Schedule an on-site pre-construction meeting with DPW, the Department of Environmental Protection and Sustainability (DEPS) and the prequalified contractor. At this time the Applicant shall provide, in writing to DPW, the name, address and phone number of an authorized site representative.

2. Provide to DPW the pre-qualified contractor's certificate of insurance on a form provided by the County.

3. Obtain a written "notice to proceed" from DPW.

e. The Applicant shall deliver security to PAI as required in Baltimore County Code Section 32-4-312.

f. The County will inspect all phases of construction for which the Applicant has paid the County an inspection fee at a rate of 8% of the approved estimate. It is expressly understood, however, that any inspections performed are solely for the benefit and protection of the County, and that no duty of care is owed to the Applicant, or the Applicant's contractors, customers or purchasers.

2. Notwithstanding any other provisions of this Agreement, the Applicant acknowledges that:

a. No building permits may be issued until required security has been delivered to and approved by the County.

b. Any reductions to security will be made in accordance with the Baltimore County Code Section 32-4-313.

c. Any failure of the Applicant or its contractor to fully comply with any part of this Agreement may cause the issuance of a stop work order by DPW or PAI subject to all relevant provisions of the Baltimore County Code, including but not limited to Article 3, Title 6. The Applicant may also be cited for nonperformance under Section 32-4-309 of the County Code.

d. Any written stop work order, whether posted on the work site, hand-delivered, mailed, or sent by fax to the Applicant, Applicant's contractor, or the Applicant's designated authorized representative named in this right-of-way improvement agreement shall constitute sufficient and adequate service of such stop work order under Section 32-4-305(c) of the County Code, and the Applicant expressly agrees to the adequacy and sufficiency of such service.

e. Upon receipt of any stop work order(s) from the County, the Applicant shall stop work, and cause its independent contractors to stop work, and shall not resume any work thereafter until expressly authorized in writing by the County.

f. In the event of nonperformance, the County may utilize the security in accordance with the Baltimore County Code Section 32-4-309.

3. This right-of-way improvement agreement is not intended to waive or supersede any of the Applicant's obligations under any plat of record, or under applicable law and policies of the County. This right-of-way improvement agreement is not in tended to create or impose any new obligations upon the County.

4. In the event Applicant seeks to construct improvements within any County-owned easement, based upon construction drawings approved by the Department of Public Works, County hereby authorizes and approves a right of entry to Applicant and its agents to perform said improvements thereon.

5. The Applicant shall protect, hold free and harmless, defend and indemnify Baltimore County (including its officers, agents and employees) from all liability, losses, damage, expenses, causes of action, claims or judgments resulting from injury to, or death of, any person or damage to property of any kind, which injury, death or damage arises out of, or is in any way connected with the performance of work under this agreement or the County's grant of the right of entry herein; except that this agreement shall not be applicable to injury, death or damage to property arising from the sole negligence of Baltimore County, its officers, agents and employees.

6. The pre-printed form of this right-of-way improvement agreement is intended to repeat, verbatim, the language contained in the master right-of-way improvement agreement form, revision dated 10/1/2004, maintained by the Director of PAI for the County. Any inconsistencies between this form and the master form shall be resolved in favor of the master form.

FOR APPLICANT:

WITNESS the signatures of:

I AFFIRM THAT I HAVE REVIEWED THIS AGREEMENT AND THE ATTACHED EXHIBIT A AND UNDERSTAND THAT SECURITY IS REQUIRED IN ACCORDANCE WITH THE BALTIMORE COUNTY CODE SECTIONS 32-4-305, 32-4-312 AND 32-4-313.

*(please **type** name of company/corporation/partnership above signature line and the name and title of person signing below signature line)*

LOCKHEED MARTIN CORPORATION
BY: LMC Properties, Inc., Attorney-In-Fact
Under Irrevocable Power of Attorney
Effective 7/28/2010

Date **February 28, 2014**

Signed _____ (Seal)

Theresa B. Shea, Vice President & General Counsel

Witness _____

Address **100 S. Charles Street, Suite 1400**
Baltimore, MD 21201

Phone: **410/468-1000**

RECOMMENDED FOR SCHEDULING OF PRE-CONSTRUCTION MEETING AND NOTICE TO PROCEED UPON APPROVAL OF DPW AND DEPS

By _____ _____
Director of Permits Approvals and Inspections DATE

5. The Applicant shall protect, hold free and harmless, defend and indemnify Baltimore County (including its officers, agents and employees) from all liability, losses, damage, expenses, causes of action, claims or judgments resulting from injury to, or death of, any person or damage to property of any kind, which injury, death or damage arises out of, or is in any way connected with the performance of work under this agreement or the County's grant of the right of entry herein; except that this agreement shall not be applicable to injury, death or damage to property arising from the sole negligence of Baltimore County, its officers, agents and employees.

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FOR APPLICANT:

WITNESS the signatures of:

I AFFIRM THAT I HAVE REVIEWED THIS AGREEMENT AND THE ATTACHED EXHIBIT A AND UNDERSTAND THAT SECURITY IS REQUIRED IN ACCORDANCE WITH THE BALTIMORE COUNTY CODE SECTIONS 32-4-305, 32-4-312 AND 32-4-313.

*(please **type** name of company/corporation/partnership above signature line and the name and title of person signing below signature line)*

LOCKHEED MARTIN CORPORATION

BY: LMC Properties, Inc., Attorney-In-Fact Under Irrevocable Power of Attorney Effective July 28, 2010

Date **February 28, 2014**

Signed _____ (Seal)

Theresa B. Shea, Vice President & General Counsel

Witness _____

Address **100 S. Charles Street, Suite 1400**
Baltimore, Maryland 21201

Phone: **410/468-1000**

RECOMMENDED FOR SCHEDULING OF PRE-CONSTRUCTION MEETING AND NOTICE TO PROCEED UPON APPROVAL OF DPW AND DEPS

By _____
Director of Permits Approvals and Inspections

3/25/14
DATE

RIGHT-OF-WAY IMPROVEMENT AGREEMENT
EXHIBIT A

PROJECT NAME **Lockheed Martin Corporation GW Remediation**
RIGHT-OF-WAY IMPROVEMENT AGREEMENT NUMBER _____

ESTIMATES

IMPROVEMENTS	DRAWING NUMBERS	ESTIMATED COSTS
Please check off below the improvements covered in this agreement		
___ Sewer Mains ___ Connections	_____	_____
number of sewer connections _____		
___ Water Mains ___ Services	_____	_____
number of water connections _____ size _____		
number of water connections _____ size _____		
number of water connections _____ size _____		
___ Storm Drains	_____	_____
✓ Roads	NA	**$7,812.00**
Subtotal (Estimated costs subject to inspection fees)		**$ 7,812.00**
Required Inspection Fees (8% of subtotal)	**$ 624.96**	
___ Sidewalks		_____
___ Mobilization, Maint. Of Traffic, Stakeout		_____
___ Landscaping		_____
___ Streetlights		_____
___ Other (list) _____		_____
TOTAL - ESTIMATED COSTS SUBJECT TO SECURITY		**$ 7,812.00**

Required Security (110% of Total) **$8,593.00**

Pre-qualification work classification(s): **A-2**

Construction Drawings and Cost Estimates are Approved as Shown on this Exhibit

Dennis A. Kennedy 1/23/18
Supervisor, PAI Developers Plans Review

Names of Streets and Addresses of Lots Covered by this Agreement:

Lockheed Martin Corporation
2323 Eastern Blvd.
Middle River, MD 21220

GRADCON-01 KCARMEN

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 3/10/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Karen Carmen
HMS Insurance Associates, Inc. 20 Wight Ave. Ste 300 Hunt Valley, MD 21030	PHONE (A/C, No, Ext): 1 (410) 337-9755 FAX (A/C, No): 1 (410) 337-0551 E-MAIL ADDRESS: kcarmen@hmsia.com

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Gradeline Construction Co. Inc P.O. Box 374 Brooklandville, MD 21022	INSURER A : Selective Casualty Insurance Company	14376
	INSURER B : Selective Way Insurance Company	26301
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			S 1358993	02/25/2014	02/25/2015	EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 500,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						MED EXP (Any one person)	$ 15,000
	POLICY X PRO-JECT X LOC						PERSONAL & ADV INJURY	$ 1,000,000
	OTHER:						GENERAL AGGREGATE	$ 3,000,000
							PRODUCTS - COMP/OP AGG	$ 3,000,000
								$
B	AUTOMOBILE LIABILITY			S 1358993	02/25/2014	02/25/2015	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS / NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR			S 1358993	02/25/2014	02/25/2015	EACH OCCURRENCE	$ 6,000,000
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$ 6,000,000
	DED / RETENTION $							$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N	N/A		WC40207	02/25/2014	02/25/2015	X PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT	$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 500,000
							E.L. DISEASE - POLICY LIMIT	$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE; Baltimore County Maryland is additional insured for ongoing and completed operations when required by written contract. 30 day notice of cancellation has been issued to the policies.

CERTIFICATE HOLDER

Baltimore County Maryland Department of Permits and Development Management
111 W. Chesapeake Ave
COB Room 125
Towson, MD 212040000

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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Form **W-9**
(Rev. October 2007)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)
Gradeline Construction Company ,Inc.

Business name, if different from above

Check appropriate box: ☐ Individual/Sole proprietor ☒ Corporation ☐ Partnership
☐ Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ► .....
☐ Other (see instructions) ►

☐ Exempt payee

Address (number, street, and apt. or suite no.)
P.O Box 374

Requester's name and address (optional)

City, state, and ZIP code
Brooklandville MD. 21022

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number
: :

or

Employer identification number
52-2050974

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ► B R Date ► 10/22/13

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,

Baltimore County

Department of Permits and Development Management

111 West Chesapeake Ave.
Towson, Md. 21204

410 887-3321
410-887-2877 fax

SAMPLE

[redacted]

To: Applicant/Development Consultant

From: [redacted]
[redacted] Development Management

Re: Development Closeout

This department's Bureau of Land Acquisition has **NOT** given an approval to our request to verify that they have received the required deeds for conveyance of right of ways to Baltimore County that are required as part of your development project.

You must contact the engineering firm that sealed your development plans and construction drawings required for this project. Have them review the drawings that they prepared and determine if there are any rights of way that must be dedicated to Baltimore County.

If there are rights of way to be dedicated to Baltimore County, you must have your attorney prepare the deeds that are necessary for the conveyances. Please refer to our Right of Way Manual for sample forms of those deeds.

The Right of Way Manual can be found on the county's web site at www.baltimorecountymd.gov. Go to Agencies/Department of Permits and Development Management/Land Acquisition to find the link.

If your engineering consultant determines that there are **NO** rights of way that need to be dedicated to Baltimore County, please have them write a letter to me indicating so.

If you HAVE CONVEYED YOUR DEEDS TO BALTIMORE COUNTY, you will need to take a copy of your recorded plat or, for projects which did not require a record plat, a copy of your approved development plan, and do the following:

1. Highlight all of the rights of way shown on that plat or development plan that are to be conveyed to Baltimore County.
2. Print a copy of the recorded deed for each of those highlighted areas. You can do this on-line at Maryland Land Records. Go to www.MDLandRec.net to access copies of recorded deeds.
3. Send the highlighted plan or plan along with the deeds to Gigi Hampshire in the Bureau of Land Acquisition in room 321 of the County Office Building, 111 W.

Chesapeake Avenue, Towson, Md 21204. The Bureau of Land Acquisition will check to make sure that all of the required rights of way as shown on the record plan or approved development plan have, in fact, been recorded.

Finally, please do not contact the Bureau of Land Acquisition for help in determining which, if any, rights of way are required to be conveyed. That office does not maintain copies of your plans and does not have the ability to research such matters.

If you have any questions, you may contact me.

Deed Submittals Must Have:

- Checklist for Deed Packages (see next page) – Must be completed and submitted with all deed packages.
- Project Name
- Identify project as a Major or Minor Subdivision.
- Job Order Number (XXX-XXXX-XXXX)
- Completed State of Maryland Land Instrument Intake Sheets.
  - Intake sheets are needed for every deed that is to be recorded.
  - Sections 6 through 10 must be completed.
- An original Attorney Certification
  - No more than 30 days old (expires in 60 days).
  - The online manual is the "2007" edition.
- An original Engineer Certification
  - Signed, Sealed and Dated.
- Original Mylars (if applicable)
  - Mylar must be 8.5"X14", signed, sealed and dated.
- Partial Releases for fee simple deeds and Substitute Trustee documents must be recorded prior to submittal where applicable.
  - Land Acquisition does not record these documents.

- IMPORTANT: If any of these items do not accompany your Deed Submittal it will be rejected and returned.

Rev. 12/8/08

Baltimore County Department of Permits and Development Management
Bureau of Land Acquisition
111 W. Chesapeake Ave., Room 319
410-887-3253

CHECKLIST FOR DEED PACKAGES

_____ One full size print of record plat, plat to be recorded or minor subdivision plan as applicable.

_____ Original (wet signature) Attorney Certification dated well within 60 days of submittal and formatted exactly as one of the two examples in the "Right of Way Documents Manual" with insurance policy information (company, policy# and amounts) stated.

_____ Original (wet signature) Surveyor's Certification, with insurance policy information (company, policy# and amounts) stated. Record plats must be listed. We will fill in the assigned Right of Way plat numbers.

_____ Job Order number—This is not the PWA# nor the PDM#. Development Plans Review can usually supply the number if the Engineer does not have it.

_____ Original mylars (using the approved Bureau of Land Acquisition plat format) for each Right of Way plat. Mylars must be 8.5" X 14", signed and sealed by the Surveyor.

_____ Original (wet signature) instruments fully signed, WITNESSED, and notarized.

_____ Each instrument signed by the preparing attorney certifying that he/she is admitted to practice before the Maryland Court of Appeals.

_____ Correctly completed intake sheets for each instrument including the property tax account number. The intake sheet is critical to the recording process; we CANNOT accept instruments without them.

_____ Tax account numbers for each reservation on a record plat except roadbeds. However, highway widenings must include the tax account number for the property adjacent to the widening.

_____ Correct County signature page on each instrument as per the manual. Fee deeds, declarations and deeds of release must have the longer "Approved for Legal Form and Sufficiency" (complete with fine print) and the approval line for the County Administrative Officer. Deed and Agreements, stormwater management deeds of declaration and deeds of easement need only "Reviewed for Baltimore County Requirements", Office of the County Attorney. Please carefully follow the Manual format for each kind of instrument; the various Department Heads are not interchangeable and do not appear at all on dedications from Record Plats except for roadbeds and highway widenings.

_____ Please be sure stormwater management reservations have come through their one-year maintenance period and are approved for acceptance by the Department of Environmental Protection and Resource Management (DEPRM) before submitting a deed. Submitting a copy of DEPRM's letter accepting the facility avoids a 15-day delay in processing.

see sheet 2

_____ Please pay outstanding taxes on reservations, etc. We cannot record the deed no matter how small the amount.

_____ All Partial Releases for fee simple deeds and Substitute Trustee documents must be recorded prior to deed package submittal. We do not record these documents.

_____ PLEASE make an effort to submit a correct COMPLETE package. Delays and problems are substantially avoided. Submit packages to the Bureau of Land Acquisition at the address referenced above.

_____ Please be aware the instruments you submit IF they are completely correct and IF they do not need DEPRM's signature, will take at least 6 weeks to go to record. In addition, Land Records is two months behind providing reference numbers. If you plan to sell the property in the near future, we strongly suggest you Save and Except the rights of way dedicated in the package you submitted.

- **IMPORTANT: Items not checked off on this list may lead to the rejection of the Deed Package.**

Your time and cooperation are greatly appreciated.

Deed Package Information:

Project Name: _____

Job Order Number: _____ Major or Minor Sub?: _____

Contact Information:

Name & Title: _____

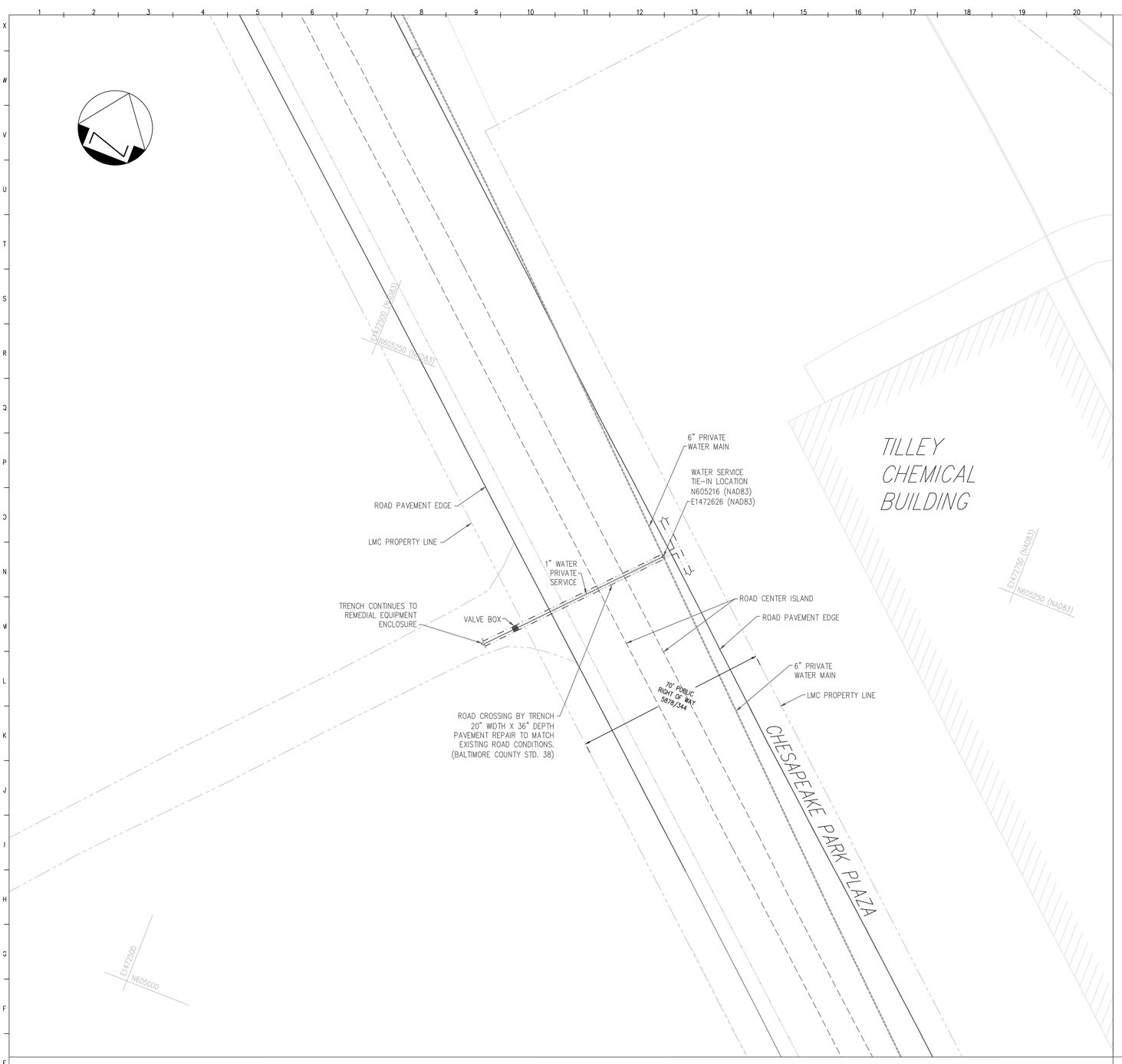
Company: _____

Address: _____ Phone #: _____

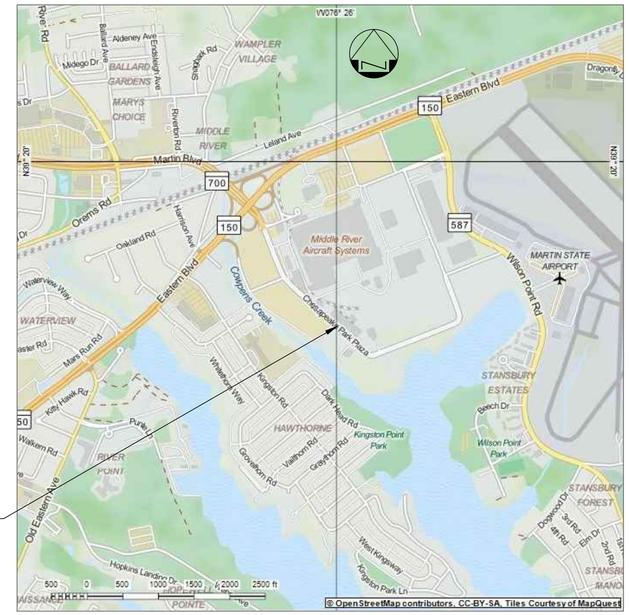
_____ _____

_____ Email: _____

Sign: _____ Date: _____



WATER CONNECTION PLAN
SCALE: 1" = 20'



PROJECT LOCATION

VICINITY MAP
SCALE: 1" = 1000'

1. WORK WITHIN A MARYLAND STATE WILL REQUIRE AN ACCESS PERMIT FROM THE STATE, (410) 545-5606, AND MUST BE ATTACHED HERETO.

2. ALL WORK IN THE COUNTY ROADWAY SHALL BE RESTRICTED TO THE HOURS OF 9:00 A.M. TO 3:00 P.M.

3. 48 HOURS PRIOR TO BEGINNING WORK:
   A) MAKE ALL NOTICES REQUIRED BY SPECIFICATION GP-7.17.
   B) CONTACT THE CONSTRUCTION CONTRACTS ADMINISTRATION DIVISION (410) 887-3531 TO ARRANGE FOR INSPECTION.

4. ALL WORK, INCLUDING BUT NOT LIMITED TO INSTALLATION, TRAFFIC CONTROL AND REPAVING, IS TO BE ACCOMPLISHED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION OF THE DEPARTMENT OF PUBLIC WORKS.

5. ALL WORK IS TO BE PERFORMED BY A UTILITY CONTRACTOR WHO IS PRE-QUALIFIED BY THE BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS.

6. NOTIFY MISS UTILITY AT 1-800-257-7777, 72 HOURS PRIOR TO BEGINNING WORK.

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED AND APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO._____, EXPIRATION DATE_____

BALTIMORE COUNTY
DEPARTMENT OF
PUBLIC WORKS

PROJECT NAME: TRENCH REPAIR FOR WATER CONNECTION
ADDRESS:
DISTRICT: 15

CONTRACT NO.
JOB ORDER NO. 210-205-5286
COUNCIL DISTRICT: 6

REFERENCE PLANS & DATA:

1. SURVEYED LOCATIONS OF UNDERGROUND ELECTRIC, WATER, COMMUNICATION LINES, ARE BASED ON GEOPHYSICAL SURVEYS CONDUCTED BY ENVIROSCAN, INC. LANCASTER, PA, AND UNKNOWN FEATURES.
2. BLOCK G TOPOGRAPHIC SURVEY UPDATE PREPARED BY TETRA TECH CREW: RAB & AN, DATED: 06/07 & 06/08/2011
3. BACKGROUND BASEMAP AND PROPERTY LINES ARE FROM CHESAPEAKE PARK SITE PLAN - LMC PROPERTIES, INC PREPARED BY TAI CONSULTING ENGINEERS, DATED 4/15/01. BACKGROUND DATA IS NOT FIELD VERIFIED AND FOR REFERENCE ONLY.

TETRA TECH
FOSTER PLAZA 7, 661 ANDERSEN DRIVE
PITTSBURGH, PENNSYLVANIA 15220

MARK	DATE	DESCRIPTION	BY

PRIVATE WATER TIE-IN PLAN
GROUNDWATER REMEDIAL DESIGN

LOCKHEED MARTIN CORPORATION
MIDDLE RIVER COMPLEX, MIDDLE RIVER, MARYLAND

DATE:	12/23/13
PROJECT NO.:	112IC03835
DRAWING SIZE:	ARCH D
DRAWN BY:	BD
CHECKED BY:	CP

COPYRIGHT TETRA TECH INC.

FIGURE 1

C:\USERS\BORIS.DYNKIN\DOCUMENTS\LMC_MRC\CONSTRUCTION\PERMIT\FIG 1 WATER TIE-IN PLAN.DWG DWM 12/23/13